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FOURTH

ANNUAL REPORT

OF THE

EDUCATION COMMITTEE,

1905-1906.

Presented to the Council, October 24th, 1906.

J. H. REYNOLDS, } *Joint Directors*
C. H. WYATT, } *of Education.*

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THE EDUCATION COMMITTEE

OF THE

CITY COUNCIL OF MANCHESTER.

Report of Proceedings for the Year ending October, 1906.

The Education Committee beg leave to submit their Fourth Annual Report to the City Council. Report

The City Council, at their meeting of the 9th November, 1905, appointed the following gentlemen as members of the Education Committee :— Education Committee

The Lord Mayor	Councillor Grierson
Alderman Box	,, Heathcote
,, Sir James Hoy	,, Heggs
,, Turnbull	,, Hibbert
Councillor Bowie	,, King
,, Broxap	,, Lane-Scott
,, Burditt	,, Marr
,, Butterworth	,, Mayor
,, Craven	,, Meadowcroft
,, Dagnall	,, Moss
,, Dearden	,, Pennington
,, Edwards	,, Porter
,, Elverston	,, Ruddin
,, Farrar	,, Sir T. Thornhill Shann
,, Fildes	,, Skinner

together with the following representative members, in accordance with the present scheme constituting the Education Committee :—

The Victoria University of Manchester	Vice-Chancellor A. Hopkinson, K.C., LL.D. Prof. A. Schuster, Sc.D., F.R.S. Prof. J. J. Findlay, M.A.
The Manchester Association of Church of England Schools	Rev. A. W. Taylor, M.A. Rev. C. F. Ward, M.A.
The Manchester Association of Roman Catholic Schools ..	The Very Rev. Canon P. Lynch.
Representative of Wesleyan and British Schools in Manchester	Mr. T. Fletcher Robinson.

The Governors of the Manchester Grammar School ...	Mr. A. A. Haworth, M.P.
The Governors of the Manchester High School for Girls	Miss S. A. Burstall, M.A.
The Manchester Association of Elementary Teachers	Mr. W. Wardale.
The Manchester Chamber of Commerce.....	Mr. H. E. Wollmer.
The Manchester and Salford Trades and Labour Council	Mr. James Kelly.
The Manchester, Salford, and District Women's Trades Union Council	Miss Emily Cox.
The late City of Manchester School Board.....	The Very Rev. E. C. Maclure, D.D., LL.D. Mr. E. J. Broadfield, B.A. Miss M. Dendy. Mr. F. M. S. Grant. Mr. T. F. Kelly.
Selected by the City Council on the recommendation of the Education Committee	Mr. I. Levinstein, M.Sc. Tech. Mr. C. Rowley, M.A.
Selected by the City Council on the recommendation of the Withington Special Committee	Miss M. Ashton.

Alderman Turnbull and Councillors Edwards, Farrar, King, and Mayor were recommended by the Withington Special Committee; Alderman Box and Councillors Bowie, Grierson, and Dagnall are the representatives of the Moss Side Wards.

Additional Members

The following gentlemen, in accordance with the recommendation approved by the City Council, were appointed additional members of the Sub-Committee for the management of the Municipal School of Technology and the Municipal School of Art:—Messrs. F. W. Follows, F. Godlee, E. W. Greg, A. Heywood, E. G. Hiller, H. Lee, W. H. Pennington, and J. Waterhouse.

Chairman and Deputy-Chairman

Sir James Hoy, LL.D., and the Very Rev. the Dean of Manchester, LL.D., were respectively appointed Chairman and Deputy-Chairman of the Education Committee.

The following Sub-Committees were appointed, with the Chairman and Deputy-Chairman as *ex officio* members of all Committees :— Sub-Committee

Higher Education.

A.—*Municipal School of Technology and Municipal School of Art.*

Alderman Sir James Hoy, Chairman.

Mr. F. Godlee, Deputy-Chairman.

The Lord Mayor, Alderman Turnbull.

Councillors Burditt, Butterworth, Dearden, Elverston, Grierson, Heathcote, Hibbert, King, Marr, Moss, Pennington, and Skinner.

Vice-Chancellor Hopkinson, Professor Schuster, Messrs. Follows, Greg, Heywood, Hiller, J. Kelly, Lee, Levinstein, W. H. Pennington. Robinson, Rowley, Waterhouse, Wollmer, and Miss Emily Cox.

B.—*Training of Teachers, Secondary Schools and Evening Schools.*

The Very Rev. the Dean of Manchester, Chairman.

Alderman Sir James Hoy, Deputy-Chairman.

The Lord Mayor.

Councillors Broxap, Dagnall, Edwards, Fildes, Grierson, Heggs, Lane-Scott, Meadowcroft, Pennington, and Porter.

Vice-Chancellor Hopkinson, Professor Findlay, Very Rev. Canon Lynch, Rev A. W. Taylor, Rev. C. F. Ward, Misses Ashton, Burstall, and Dendy, Messrs. Broadfield, T. F. Kelly, Rowley, and Wardale.

C.—*Grants in Aid, Scholarships, and General Provision of Higher Education.*

Alderman Sir James Hoy, Chairman.

Mr. E. J. Broadfield, Deputy-Chairman.

The Lord Mayor.

Councillors Bowie, Craven, Edwards, Porter, Ruddin, and Sir T. Thornhill Shann.

Vice-Chancellor Hopkinson, The Very Rev. Canon Lynch, Rev. A. W. Taylor, Rev. C. F. Ward, Misses Ashton and Burstall, Messrs. Grant, Haworth, Levinstein, Wardale, and Wollmer.

Elementary Education.

D.—*The Sub-Committee consists of all the Members of the Education Committee.*

Alderman Sir James Hoy, Chairman.

The Very Rev. the Dean of Manchester, Deputy-Chairman.

E.—*Administrative.*

Sir T. Thornhill Shann, Chairman.

Mr. E. J. Broadfield, Deputy-Chairman.

The Lord Mayor.

Alderman Turnbull.

Councillors Broxap, Dagnall, Dearden, Edwards, Elverston, Farrar, Hibbert, Lane-Scott, Meadowcroft, and Pennington.

The Very Rev. Canon Lynch, Rev. A. W. Taylor, Misses Cox and Dendy, Professor Findlay, Messrs. Grant and Robinson.

F.—*Industrial Schools.*

Mr. T. F. Kelly, Chairman.

Councillor Skinner, Deputy-Chairman.

The Lord Mayor.

Councillors Broxap, Craven, Fildes, Heathcote, Lane-Scott, Meadowcroft, Ruddin, and Sir T. Thornhill Shann.

Very Rev. Canon Lynch, Miss Dendy, Messrs. Broadfield and James Kelly.

G.—*Sites and School Buildings.*

Councillor Meadowcroft, Chairman.

The Lord Mayor, Deputy-Chairman.

Aldermen Box and Turnbull.

Councillors Bowie, Burditt, Butterworth, Elverston, Farrar, Fildes, Grierson, Heggs, Hibbert, King, Marr, Mayor, Porter, and Sir T. Thornhill Shann.

Rev. A. W. Taylor, Rev. C. F. Ward, Miss Ashton, Messrs. Broadfield Haworth, Rowley, and Wardale.

H.—*Finance* (*Elementary and Higher Education*).

Alderman Sir James Hoy, Chairman.

Councillor Lane-Scott, Deputy-Chairman.

The Lord Mayor.

Councillors Edwards, Farrar, Fildes, Grierson, Meadowcroft, Pennington, and Sir T. Thornhill Shann.

At the meeting of the Elementary Sub-Committee on Monday, 27th November, 1905, Alderman Sir James Hoy was appointed Chairman and the Very Rev. The Dean of Manchester Deputy-Chairman. The following Special Sub-Committees were appointed, with the Chairman and Deputy-Chairman of the Education Committee as ex-officio members of each :—

Meals for School Children Sub-Committee.

Councillor Butterworth.	Very Rev. Canon Lynch.
,, Dagnall.	Rev. A. W. Taylor.
,, Fildes.	Miss Dendy.
,, Grierson.	Mr. Broadfield.
,, Sir T. Thornhill Shann.	,, J. Kelly.

Mr. Wardale.

Selection of Candidates Sub-Committee.

The Lord Mayor.	Rev. A. W. Taylor.
Alderman Turnbull.	Professor Findlay.
Councillor Edwards.	Miss Ashton.
,, Meadowcroft.	,, Dendy.
,, Pennington.	Mr. Broadfield.
Very Rev. Canon Lynch.	,, J. Kelly.

Mr. Wardale.

Public Elementary Schools Curricula Sub-Committee.

Councillor Butterworth.	Rev. A. W. Taylor.
,, Edwards.	Professor Findlay.
,, Lane-Scott.	Miss Burstall.
,, Meadowcroft.	,, Dendy.
,, Porter.	Mr. Broadfield.
,, Skinner.	,, Haworth.
Very Rev. Canon Lynch.	,, Wardale.

Death of the Dean of Manchester

The Committee refer with deep regret to the death on May 8th of the Very Rev. Edward Craig Maclure, D.D., Dean of Manchester, Deputy-Chairman of the Committee since its appointment, and Chairman of the late School Board. His wide knowledge of affairs, his great experience in administration, his warm sympathy with popular education, and his genuine devotion to its interests, won for him a high place in the affection and esteem of his colleagues and among all classes of his fellow-citizens.

Sir T. T. Shann

At a meeting held on the 18th June, Councillor Sir T. Thornhill Shann was appointed Deputy-Chairman of the Committee in succession to the late Dean, and was subsequently appointed Chairman of the Training of Teachers, Secondary Schools, and Evening Schools Sub-Committee (B).

The late Wm. Wardale

The Committee have also to record the lamented death of Mr. William Wardale, the representative of the Manchester Association of Elementary Teachers. The zeal and ability displayed by him during the period he was a member of the Committee, and the services he has rendered to education in Manchester during a long course of years, evoke the warm appreciation of his colleagues and of the whole of the teaching profession.

Councillor Dearden retired from the City Council during the year, and Mr. J. Kelly (representing the Manchester and Salford Trades and Labour Council) resigned his seat on the Committee, the Council accepting the nomination of Mr. H. Skinner as successor to Mr. Kelly. Mr. Skinner was appointed subsequently to the Sub-Committees on which his predecessor sat.

New Scheme for the Constitution of the Committee

On September 5th, 1906, the City Council adopted an amended scheme for the constitution of the Education Committee, which has been forwarded to the Board of Education for approval. The new scheme provides for the appointment of 20 Council members, against 30 under the present scheme, of which three shall be recommended by the Withington Committee, and two shall be representatives of the Moss Side Wards; and for 13 co-opted members (of whom two at least shall be women), as compared with 21 under the present scheme, who shall be persons of experience in the management or administration of elementary education in provided and in non-provided schools, of secondary schools, of technical and commercial education, and of University education. The new scheme also provides that the Withington Committee shall have the right of nominating one of the co-opted members. The total number of members constituting the Committee will, therefore, be reduced from 51 to 33. The new Education Committee will be appointed by the Council within one month from the date of the approval of the scheme by the Board of Education.

Higher Education.

The Municipal School of Technology and the Municipal School of Art.

Chairman and Deputy-Chairman

(1) At the meeting of the Sub-Committee held on Monday, December 4th, 1905, Alderman Sir James Hoy was appointed Chairman, and Mr. F. Godlee Deputy-Chairman.

The following Sectional Committees were appointed, with the Chairman and Deputy-Chairman of the Education Committee and the Chairman and Deputy-Chairman of the Sub-Committee as *ex-officio* members of each :— Sectional Committees

Engineering.
Chairman : Mr. E. G. Hiller.
Councillor Elverston
Professor Schuster
Mr. F. W. Follows
„ H. Lee
„ T. Fletcher Robinson

Chemistry.
Chairman : Mr. I. Levinstein
Councillor Dearden
„ Burditt
„ Hibbert
„ Skinner
Mr. W. H. Pennington
„ H. E. Wollmer

Textile.
Chairman : Mr. H. Lee
Councillor Pennington
„ King
Mr. E. W. Greg
„ W. H. Pennington
„ T. Fletcher Robinson
„ J. Waterhouse
„ H. E. Wollmer
„ F. R. McConnel (co-opted subsequently)

Handicrafts and Building Trades.
Chairman : Mr. C. Rowley
Alderman Turnbull
Councillor Butterworth
„ Burditt
„ Dearden
„ Elverston
„ Hibbert
„ Heathcote
Miss Emily Cox
Mr. F. W. Follows
Mr. J. Kelly (afterwards resigned)
„ A. Heywood
„ H. Skinner (*vice* Mr. Kelly)
„ P. Ogden (co-opted subsequently)

House and Office.
Chairman : Mr. F. Godlee
Councillor Burditt
„ Grierson
„ Heathcote
„ Pennington
Mr. A. Heywood
„ C. Rowley
„ T. Fletcher Robinson

Architecture (Joint).
Chairman : Mr. C. Rowley
Councillor Marr
Vice-Chancellor Hopkinson
Principal Reynolds

Art.
Chairman : Mr. C. Rowley
Deputy-Chairman : Councillor Butterworth
The Lord Mayor
Councillor Elverston
„ Grierson
„ King
„ Marr
Miss Emily Cox
Mr. E. W. Greg
„ A. Heywood
„ H. Lee
„ J. Waterhouse
„ Paul Ogden (co-opted subsequently)

Testing.
The Chairmen of the Sectional Committees.
Mr. H. E. Wollmer

I.—Municipal School of Technology.

(2) The number of individual day and evening students enrolled for the session ending July 31st was 5,932, as compared with 5,757 for the same period in 1904-5, an increase of 175. Individual Students

The number of individual students enrolled in the day departments was 635 as compared with 488 for the session 1904-5. Day Students

Class Entries

The class entries for the session were 11,376, against 9,713 for the session 1904-5. These figures do not, however, include the class entries in case of students in the day departments of the school, who, for the purposes of this return, are entered once only.

Ages, Occupation, Residence

Full details of the number of students at each age, the occupations and places of residence of the students, the number of class entries per student, and an attendance chart of the Evening Classes will be found in Appendices A, B, and C, pages 61 to 67.

Board of Studies

(3) The Board of Studies was constitued as follows :—

Chairman : The Principal.

Professor S. H. Capper, M.A., A.R.I.B.A.
,, T. W. Fox, M.Sc.Tech.
Mr. Charles W. Gamble, M.Sc.Tech.
Professor W. W. Haldane Gee, B.Sc., M.Sc.Tech.
Mr. J. Hübner, F.C.S., F.I.C., M.Sc.Tech.
Professor H. G. Jordan, M.I.Mech.E., A.R.C.S.I., Wh.Sc., M.Sc.Tech.
Professor E. Knecht, F.I.C., M.Sc.Tech., Ph.D.
Professor J. T. Nicolson, M.Sc.Tech., D.Sc.
,, W. J. Pope, M.Sc.Tech., F.R.S.
,, J. Radcliffe, M.R.San.Inst., M.Sc.Tech.
,, A. Schwartz, A.K.C., M.Sc.Tech.
,, J. P. Wrapson, A.R.C.S.I., B.A., M.Sc.Tech.

Secretary : The Registrar (Hy. Williams).

Additional Co-opted Members

(4) The Sub-Committee have pleasure in reporting the appointment of Mr. E. W. Greg (of Messrs. Greg Brothers & Co.) and Mr. W. H. Pennington (of Rochdale) as additional co-opted members of the Sub-Committee. The Sectional Committees of Applied Chemistry and Textile Manufacture are greatly strengthened thereby. Mr. F. R. McConnell, also of Messrs. Greg Brothers, subsequently accepted a seat on the Textile Sectional Committee. Mr. Paul Ogden, Hon. Secretary of the Manchester Society of Architects, also accepted an invitation to join the Handicrafts Sectional Committee and the Committee for the School of Art, thus placing at the disposal of these Committees the advantage of his knowledge and experience in all matters pertaining to Architecture.

Staff changes

(5) The Sub-Committee have to report the resignation of Mr. A. E. Carter, Lecturer in the Mechanical Engineering Department, and the appointment of Mr. M. Graham Anderson, B.Sc., of the Glasgow and West of Scotland Technical College, as successor.

Mr. A. E. Corbett, Lecturer in Architecture, has also resigned his position, as well as Mr. E. Classen, M.A., Lecturer in English, who has accepted an appointment at the University of Upsala. The former was succeeded by

Mr. J. Lindsay Grant, Architect, of this City, and the latter by Mr. J. Bithell, M.A., of the Victoria University. A change in the staff of the Electrical Engineering Department was occasioned by the resignation of Mr. D. L. Sands, Demonstrator, who was succeeded by Messrs. Hoggart and Brotherton.

In order to secure the proper supervision of the work of the textile students whilst receiving instruction in practical spinning, the Committee deemed it advisable to appoint a Demonstrator, Mr. R. Booth, to assist the Lecturer in Cotton Spinning.

Board of Education Reports and Grants

(6) The Chief Inspector of the Board of Education, in his report upon the session 1904–5, speaks in terms of strong approval of the work and organisation of the School. The grant awarded by the Board of Education is an increase over that of the previous session. The comparison of grants received for the past three sessions is as follows :—

	£	s.	d.
1902–3	3,780	18	6
1903–4	6,513	14	2
1904–5	6,934	11	0

The increase of £420 16s. 10d. over the previous session is mainly accounted for by a fuller recognition of the work of the Day Departments. A further report from the Board on the Evening Departments of the School during the past session records the fact that the work has been conducted in a satisfactory manner. The report also draws particular attention to the desirability of eliminating those students who, by reason of the merely elementary instruction they require, could more conveniently receive their preliminary training in one or other of the branch technical schools of the City, the reorganisation of which is referred to on pages 28 and 29.

Capitation Grants

The Capitation Grant paid by the Lancashire County Council in respect of students from the administrative area for the session 1905-6 was £1,149 10s. 0d., against £1,080 for the previous session, being an increase of £69 10s. 0d. The Capitation Grant on account of students from the administrative area of the County of Chester for the session 1904–5 was £311 6s. 3d. The grant for the last session has not yet been received.

The Cheshire County Council have intimated that the grants payable for the session 1906–7 will be calculated on a new basis, whereby the maximum allowance on account of any one student will not exceed £1, compared with £1 10s. under the scheme hitherto obtaining. In this connection it is important to note that, in the opinion of the Board of Education, the City should receive a larger measure of support from the areas which derive benefit from the School.

Apprentice Courses

(7) The work of the Day Courses for Apprentice Engineers, held on Mondays, and conducted under the direction of Professor H. G. Jordan, continues to be of a satisfactory character, and there is little doubt that these courses prove of great value. The number of students qualified to take the first year course last session was 54, and the second year course 41, as compared with 66 and 13 respectively in the session 1904–5.

The day course on Fridays for Apprentice House Painters and Decorators has been continued. Thirteen students were enrolled, against sixteen in the session 1904–5.

Several firms in the district arranged to send their apprentices to the evening classes, among them being Messrs. Mather & Platt, who sent 82; the Lancashire & Yorkshire Railway Co., 40; the Calico Printers' Association, 40; Messrs. W. T. Glover & Co., Ltd., 14; Messrs. Heenan and Froude, 10; Messrs. Hans Renold, Ltd., 7; and Messrs. Kendal & Gent, Ltd., 6. The apprentices from the Lancashire & Yorkshire Railway Co., and those from Messrs. Heenan & Froude, as well as 19 of the number from Messrs. Mather & Platt, Ltd., attended the courses at the Newton Heath Branch Technical School.

New Classes

(8) In view of the success attending the classes for theoretical and practical instruction in Breadmaking, the Committee established similar courses in Confectionery, and provided the additional equipment required. The accommodation was fully taken up, 40 students being enrolled for the course extending from January to April. For the session 1906–7, a more comprehensive scheme of instruction has been arranged, and again the maximum number of students has been enrolled.

A course of instruction dealing with the manipulation of sugars, for men engaged in the Sugar-boiling industry, has been established for the session 1906–7, and placed in the hands of Mr. John Allan, F.C.S.

The class for instruction in Boardwork (the making of wigs, etc.), referred to in the last report, was successful, all the places being filled, and as a result of an examination held by the Incorporated Guild of Hairdressers four students were awarded certificates of proficiency, one receiving a special prize, and the work of six others was favourably reported upon. For the session 1906–7, classes in the ordinary and advanced grades have been arranged.

Special Lectures

(9) Special courses of lectures were delivered by Mr. E. W. Cowan and Mr. A. Still (of Messrs. Cowan's, Ltd.) on "Switchgear" and "Transmission of Power by Alternating Currents" respectively during the summer term. Two courses of lectures dealing with the theory, construction, and management of Motor Cars and Motor Vehicles were also given by Dr. W. R. Ormandy, of Warrington, and were largely attended.

Arrangements were made for the delivery of a lecture on November 9th, 1905, by Mr. J. H. Lester, M.Sc., Manager of the Testing House of the Manchester Chamber of Commerce, on "Moisture in Cotton." The lecture was attended by over 250 persons, chiefly representative of persons engaged in the cotton trade.

A lecture was also given by Mr. B. H. Mullen, M.A., Curator of the Salford Royal Museum, on "Stone in the Service of Primitive Peoples," to an audience of some 60 persons.

A special course of six lectures, supplementary to the ordinary work of day courses, was delivered by Professor Pope in March last to the Chemical students of the School and of the Victoria University on the "Chemistry of Indigo" It was attended by 57 students.

(10) During the past session, 84 students holding scholarships granted by the following authorities attended the day courses of the School in the departments named :— Scholarship Students

Authority	No. of Students	Department
Manchester Education Committee ..	49	Engineering, Chemistry, or Textile
Lancashire County Council	12	Textile
Cheshire County Council	9	Engineering, Chemistry, or Textile
Burnley Education Committee	1	Textile
Worshipful Company of Drapers	4	Textile
West Riding of Yorkshire Education Committee	2	Elect. Eng. (1) Textile (1)
Indian Government	3	Textile
Chinese Government	4	Textile

In addition, four students holding Drapers' Company's Exhibitions, sent by the Ashton Education Committee, attended the evening courses of the School, as well as fifteen students in Cotton Spinning sent by the Leigh Education Committee.

(11) In order to keep the equipment of the School as efficient as possible, many important appliances have been added in the various departments, chief amongst which are a Brayshaw Patent Furnace to supplement the plant in the Mechanical Engineering Department ; a Moissan Furnace and special Pyrometer for the Electro-Chemical Laboratory ; and other important apparatus in connection with the Electrical Engineering Department. Various alterations and additions to the equipment in the Machine Testing, Hydraulic, and Steam Engine Laboratories have Equipment and Appliances

been carried out by the Works Department during the vacation, and in connection with the Machine Testing Laboratory the Committee have authorised the installation of plant for gear transmission testing. Certain parts of the machines at the Dyehouse have also been renewed, greatly increasing the efficiency of the plant.

Recognition by Examining Bodies

(12) During the past year the Institute of Chemistry of Great Britain and Ireland has placed the School on the list of institutions recognised for the training of candidates for the examinations of the Institute, and it is also expected that the final degree examinations in Chemistry will be accepted in lieu of the Institute's intermediate examination.

The Sanitary Inspectors' Examination Board of London have also signified their approval of the courses in Sanitary Engineering, and have included the School in the list of institutions whose certificate of instruction is accepted by the Board as evidence of training for their examinations.

Visitors

(13) By special arrangement, the School has been visited on Saturday afternoons by upwards of 2,000 persons from various districts within a radius of 50 miles. In addition, the School is constantly visited throughout the year by a large number of persons interested in technological training. Amongst these was an important deputation from the textile manufacturers of Bohemia. The representatives of the Municipality of Lyons on the occasion of their visit to the City in May last made a tour of inspection of the School.

The Annual General Meeting of the Society of Chemical Industry was held in the School on July 11th, and was largely attended by representatives of the Chemical Industries. The visitors were conducted over the School by members of the Committee and Staff, and expressed warm appreciation of the arrangement and equipment of the building.

Gifts, etc.

(14) The Committee desire to express their hearty thanks for the many gifts made to the various departments of the School by individuals and firms, and for the valuable opportunities of visits to various works. A list of the gifts will be found in Appendix E, pages 77 to 81.

Exhibits

(15) An interesting series of mounted photographs of the School and its equipment has been contributed to the British Educational Section of the New Zealand Exhibition, 1906.

In connection with the Building Trades' Exhibition, held in the St. James' Hall during the month of April, 1906, an interesting and instructive exhibit in the form of an extensive stall containing examples of the appliances and equipment of the Municipal and Sanitary Engineering

Department, and examples and drawings of plumbing work executed by students of the department, was contributed, and attracted considerable attention.

L. C. C. Plumbing Students

(16) At the desire of the Education Committee of the Lancashire County Council, a day course of advanced theoretical and practical instruction in Plumbing and Sanitary Engineering, on the lines of that given in previous years at King's College, London, was arranged for plumbing students selected by the County Council. Ten students attended the course, which extended from June 25th to July 21st (four weeks each of 30 hours), and included the subjects of Physics, Chemistry, Hydraulics, Sanitation, Plumbers' Work, and Drawing. The students were very attentive throughout, and were much interested in the work, and there is reason to think that they have derived considerable benefit from the course of instruction given.

Summer Courses

(17) The special courses of lectures and laboratory work arranged during the summer term were well attended, the total enrolments numbering 753.

Observatory

(18) Statements of the meteorological and astronomical observations made during the year at the Meteorological Station, Whitworth Street, and at the Godlee Observatory respectively, have been regularly supplied to the Press, and the whole of the observations have been tabulated and circulated in the form of a Report, copies of which have been exchanged with other observers.

Several valuable instruments, including an Anemometer and a Sunshine Recorder, have been added to the Observatory equipment during the year, and the Committee have to express their thanks to the Manchester Astronomical Society for the loan of a Barograph and Thermograph.

Tests and Researches

(19) A large number of tests have been carried out during the session, under the regulations adopted by the Committee, chiefly in the departments of Chemistry, Mechanical and Electrical Engineering, and the total fees received amount to about £100.

Many scientific and technical papers, embodying results of researches carried out in the school, have been contributed to the journals of various societies or published in the technical press, and an extensive series of tests has been made in the Electrical Engineering Department on the mechanical and electrical properties of flexible conductors, for the information of the Wiring Rules Committee of the Institution of Electrical Engineers. A considerable amount of original

research has been carried out in the Mechanical Engineering Laboratories, including the work on the forces operative in cutting tools, begun in 1902. Experiments to show the effect of different shapes and varying cutting angles of the tool have also been undertaken, with the object of determining the best angle to be used in the workshop for any given cut or material. Altogether about 520 different experiments were made, the second and third year evening students taking the observations. Some valuable data have been obtained for flow of heat from air to water, and from superheated steam to air and to water, as a result of experiments carried out in the Steam Engine Laboratory. A number of important pieces of research work are in progress.

The following is a list of the scientific and technical papers and text books which have been published by members of the staff during the past session :—

Scientific and Technical Papers.

Professor Schwartz and W. H. N. James ..	"Zinc and aluminium fuses."
Professor Schwartz	"Continental and American systems of fuse standardisation," "Street lighting," "Long flame arc lamps," and a Report in connection with the Engineering Standards Committee on (1) Wiring rules revision for the Inst. E.E., British; (2) Standard specification for steel conduits for electrical wiring; (3) British standard specification for electricity meters.
Professor Gee.....	"Contact differences of potential."
W. Cramp	"Repulsion motors," "Flour bleaching," "Single-phase motors for traction purposes," "Artificial bleaching and conditioning of flour," "The electric discharge of air and its commercial application."
D. L. Sands	"Street lighting."
W. Browning (Student)..	"Electrical conductivity." (Awarded premium of Institute of Electrical Engineers, value £5.)
Professor Radcliffe	"The joining of pipes for drains and sewers."
W. C. Popplewell	"Strength of brick piers and pillars of cement concrete." (Awarded Telford Premium, value £20.)
Professor Pope	"The crystallographic determination of the nature of valency."

Professor Knecht	"The estimation of indigo and the detection of certain dye-stuffs."
J. Hübner	"The hydrolysis-products of the celluloses."
E. L. Rhead	"The volumetric determination of copper."
L. G. Radcliffe	"An examination of vegetable waxes."
F. S. Sinnatt	"The estimation of naphthalene in coal gas and of oxygen in gases."
T. C. Beck	"The resolution of externally compensated bases."
Miss Eva Hibbert.....	"The stripping of dyed fabrics."

Text Books.

C. F. Smith	"Dynamo and motor testing" and "Alternating currents."
E. Classen and J. Lustgarten	"German scientific and technological reader."
A. Herring-Shaw	"Elementary science as applied to sanitation and Plumbers' work."
W. H. N. James and D. L. Sands	"Elementary electrical calculations."
J. Winterbottom	"Cotton spinning questions."

Rylands Library—Reproductions

(20) In response to representations made by the Governors of the John Rylands Library, a series of facsimile reproductions of some of the unique and rare works contained in the Library's collections, intended for distribution to the principal libraries of the world, is now under preparation in the Photo and Printing Crafts Department.

Faculty of Technology

(21) The Faculty of Technology, instituted last year under the terms of the Charter constituting the Victoria University, has held a successful session. Of the day students of the school, 122 were enrolled as students of the University, and at the first Final Examination for the degree of B.Sc.Tech., 28 students of the school were successful, 15 passing in the Honours Division. Two intermediate examinations were held in July and September, and 23 students were successful, thereby qualifying for the Final Examination. A list of the successes will be found in Appendix F, page 84. 26 students of the school have passed the examination of the Joint Matriculation Board, and will now proceed to the degree in Technology.

In connection with the Faculty, an interesting ceremony took place at the Victoria University on March 29th, when the degree of Master of

Technical Science (M.Sc.Tech.) was conferred upon the following members of the teaching staff occupying seats on the Board of the Faculty :—

Professor J. T. Nicolson, Mechanical Engineering.

Professor H. G. Jordan, Mechanical Engineering.

Professor A. Schwartz, Electrical Engineering and Physics.

Professor W. W. Haldane Gee, Electrical Engineering and Physics.

Professor J. Radcliffe, Municipal and Sanitary Engineering.

Professor W. J. Pope, Chemistry.

Professor E. Knecht, Chemistry.

Mr. J. Hübner, Chemistry.

Professor T. W. Fox, Textiles.

Professor J. P. Wrapson, Mathematics.

Mr. Charles W. Gamble, Photography and Printing Crafts

At the Degree Ceremony of June 30th, 1906, the degree of M.Sc.Tech. *honoris causa* was also conferred upon Mr. Ivan Levinstein, the Chairman of the Chemical Sectional Committee of the School.

Length of School Session

(22) In order to enable the Day Departments of the School to start its first year courses with students who have passed the Matriculation Examination, and to facilitate the interchange of students between the School and the University, the Committee, on the recommendation of the Board of Studies, decided to bring the length of the School session for the ordinary lecture and laboratory courses, so far as practicable, into line with the arrangements of the Faculty of Science; but with a view to maintain the length of the working ession for second and third year students, courses of laboratory work will be pursued during the period of recess in the ordinary lecture and laboratory work.

Award of Diploma

(23) During the session 29 day students were awarded the Diploma of the School upon the satisfactory completion of the three years' course, and the Evening Diploma was awarded to 10 students. A full list of the Diplomés of the School will be found in Appendix F, pages 82 to 84.

Branch Technical Schools

(24) The Technical Schools at the Newton Heath Town Hall and the Openshaw Municipal Buildings, formerly conducted as branches of the School of Technology, have now been included in the general scheme of Branch Technical Schools, reference to which will be found in that part of the Report dealing with Evening Schools.

II.—The Municipal School of Art.

(25) The number of individual students enrolled for the session 1905–6 was 883 (472 men and 411 women), including 185 Elementary School Teachers attending the new courses in Drawing on Saturday mornings, as compared with 667 (396 men and 271 women) in 1904–5. Of the enrolments, 410 are day and 473 evening students, as compared with 221 day and 446 evening students in 1904–5. Students Enrolled

Seventy-three students of the Day Training Department of the Manchester University have been taught drawing in the Victoria University of Manchester by Mr. F. Teggin, one of the Masters.

(26) The session of 1906–7, as in previous sessions, was opened by a series of four free lectures by the Head Master and members of his staff. They were intended to set forth the objects and advantages of the school, especially to teachers and to persons engaged in the various art industries. They were well attended, and were most useful in their results. They were arranged as follows :— Opening Addresses

September 19th—"The Old English Craft of Embroidery," by Miss E. Louise Bradbury. Attendance, 50.

„ 20th—"Sculpture," for Metal Workers, Wood and Stone Carvers, and Figure Sculptors, by J. Millard. Attendance, 150.

„ 21st—"The Development of Pattern in Textile Design," by R. Glazier, A.R.I.B.A., A.R.C.A. Attendance, 130.

„ 22nd—"Drawing and Colouring as a Factor in Education," by H. Cadness. Attendance, 200.

A course of four lectures on "Heraldry in Applied Art," by George W. Eve, Esq., R.E., was given on successive Tuesday evenings, commencing March 20th. The lectures were illustrated, and were of great value to students engaged in Architecture, Design, Modelling, Carving, Glass Painting, Illumination, Iron Work, and Decoration. Lecture on Heraldry

(27) A special course of instruction was arranged on Saturday mornings for Acting Teachers in Public Elementary Schools who desired to improve their knowledge of drawing and the methods of teaching. 185 teachers were enrolled for the course. Teachers' Drawing Classes

(28) In connection with above-named course, arrangements were made through the kindness of the London County Council for an Exhibition of some 50 Drawings executed by Japanese school children, containing examples of flowers, plants, etc., during the first fortnight in May. The Exhibition was both interesting and instructive, as showing the methods of teaching drawing in Japanese schools and the executive ability of the children, and attracted considerable attention from Elementary School Teachers. Exhibition of Japanese Drawings

Architectural Drawings

An Exhibition, under the direction of the Manchester Society of Architects, of the Prize Drawings of the Royal Institute of British Architecture was held from April 12th to April 17th inclusive.

Sketching Club

The Annual Exhibition of the Sketching Club was held from the 12th until the 17th of February. The Sub-Committee have again to thank Mr. Frederick Jackson, member of the Manchester Academy of Fine Arts, for so kindly inspecting the work of the students and for awarding the prizes.

Exhibition of Students' Works

Arrangements were made for an Exhibition of the works executed by students during the session 1904–5. The Exhibition was held during the month of February, from the 25th to the 10th March, and was opened by the Lady Mayoress, who distributed the medals gained by the students at the National Competition 1905. The opening meeting was attended by about 200 persons, and the total attendance at the Exhibition was 954.

Turner and Shields' Exhibition

The Committee have pleasure in announcing that arrangements have been made with the Trustees of the National Gallery, London, for the loan of one of the collections of the Turner Drawings deposited in the Gallery, and also with Mr. Frederic J. Shields for a selection of about 120 of his cartoons and sketches, which have been supplemented by six of his earlier drawings in water-colour, kindly lent by Mr. Frank Falkner, of Bowdon. The whole of the works will be exhibited in the Textile Court of the Museum, and the Lord Mayor has kindly consented to open the Exhibition on the 31st October next. A catalogue, with reproductions of a selection of the Shields' Drawings, is being produced in the Photography and Printing Crafts Department of the School of Techolnogy, under the direction of Mr. Charles W. Gamble, with the assistance of Mr. R. B. Fishenden.

Permanent Collection

(29) The permanent collection has been increased by the following objects of art purchased at the Arts and Crafts Exhibition :—Bowl and stand, by W. Howson Taylor; four designs in silver, by F. H. Steele; one candlestick in wrought iron, by the Artificers' Guild ; one blue and white bowl, by J. Wedgwood & Sons ; three enamels on copper, by E. Mills ; one china bowl, by T. Turner ; and one embroidered cushion, by E. Poppleton. Six pieces of pottery have been purchased from the Della Robbia Pottery Co. Several valuable gifts have been made to the Museum, particulars of which will be found in Appendix E, pages 77 to 81. The Board of Education has again placed at the disposal of the School a revised and valuable selection of examples of artistic handicraft.

Visits to the Museum

(30) The number of visits to the Museum, mainly by teachers and students, was 8,356, as compared with 10,631 last session.

(31) The extension of the School on the plot of land at the south-west corner in Ormond Street has now been completed, making better provision for the classes in drawing from the life and in architecture, the necessity of which has been felt for some time past. This annexe will be opened by the Lord Mayor on the occasion of the opening of the Turner and Shields' Exhibition. New Extension

During the vacation the School has been renovated throughout, and repairs and additions of a minor character have also been carried out. Repairs, etc.

(31) Through the liberality of the late James Scarlett, of Bowdon, an Art Scholarship, called the "Mrs. Elizabeth Catherine Scarlett Scholarship," has been placed at the disposal of the Committee, tenable at the day courses of the School of Art. The Scholarship has a value of £45 per annum, and is offered to women students of the industrial class residing within 10 miles of the Manchester Town Hall. As a result of an examination held in July last, the first award was made to Helen Calvert, of Altrincham. Scholarships and Awards

The Lady Whitworth Scholarships have been awarded to Emma B. Purcell and Eleanor Slinn.

The Procter travelling studentship has been awarded to W. E. Daly; a Primrose silver medal to Jennie H. Wood; and Primrose bronze medals to A. Duncan and Mary Shaw.

A Royal Exhibition, of the value of £50 per annum for two years, renewable for a further period, together with fees remitted, and tenable at the Royal College of Art, London, has been awarded to R. Wallwork; and a Local Scholarship, value £20 per annum for three years, and a Free Studentship, tenable at the Royal College of Art, have been gained by E. Hartley and W. Ashworth respectively. Free Studentships, tenable at the School of Art, have also been awarded to the following students:—

A. Bryett	W. Mellor	Mary Shaw
A. Duncan	T. Mullock	R. Wallwork
H. Hendrie	Helen Shaw	S. Wright

A Lancashire County Council Exhibition, value £15 per annum for two years, has been awarded to N. Sutcliffe.

The Governors of the Royal Manchester Institution have approved of the subject recommended by the Committee for the award of the Heywood Prizes 1905–6, namely, "A Design for the Decoration of the Board Room of a Shipping Company." Heywood Competition

Short Courses

Two students were selected for short courses at the Royal College of Art, South Kensington.

Associateship of the School

On the recommendation of the Board of Studies, the following former students have been awarded the Associateship of the School :—

P. J. J. Brooks H. Müller H. Whiteside

Architectural Prizes

(32) The Committee have again to thank the Manchester Society of Architects for the valuable prizes offered by them in the classes in Design in the School of Architecture.

They have been awarded as follows :—

First-year students : S. F. Brittain. Second-year students : D. Sherlock (special 2nd prize).

Prizes for Designs : (A city gate) R. J. Vernon, G. H. Goldsmith, A. Bryett. (Assembly rooms) G. H. Goldsmith, A. Bryett.

Professor of Architecture

On the recommendation of the Joint Architectural Committee, the City Council and the Council of the University have extended the engagement of Professor Capper, M.A., Principal of the School of Architecture, for a further period of four years from September 5th, 1907.

Architectural Catalogue

The catalogue of books on Architecture and Allied Subjects existing in the various libraries of the City and the Borough of Salford, referred to in the last report, is now in course of preparation, under the direction of Mr. H. Guppy, of the John Rylands' Library, and it is expected that an edition of 1,000 copies will be published, in the near future, under the auspices of the Joint Architectural Committee.

Library Circulation

(33) The circulation of Books in the Library to the students from October, 1905, to October, 1906, has been as follows :—

Anatomy	385
Architecture	661
Bookbinding	10
Book Illustration	473
Botany	338
Costume	90
Decoration	335
Design and Ornament	560
Figure Drawing and Composition	67
Furniture and Woodwork	152
Geometry and Perspective	88
Glass and Pottery	20
Ivory	12
Metal Work and Armour	89
Natural History	135
Needlework	19
Painting	136
Poetry	25
Sculpture	84
Textile Fabrics	108
	3787

Resignation of Mr. Shields.

The Committee regret to report the resignation of Mr. J. Shields, the Life Drawing Master, through illness. He is succeeded by Mr. A. Valette

(34) The Annual Soirée of the students of the School of Technology and of the School of Art took place on Saturday, December 9th, 1905, and the Annual Festival of the Athletic Union was held at the Royal Botanical Gardens on Wednesday, July 11th, 1906. Annual Soirée and Festival

(35) Examinations :—

The detailed results of the Annual Examinations held in March, April, May, and June in Science, Art, and Technology are set forth in Appendix D, pages 68 to 76. Annual Examinations

Seven hundred and three students were examined in Science under the direction of the Board of Education, and worked 955 papers, as compared with 656 students and 1,107 papers in 1905. The results were as follows :— Board of Education

	Honours		Stage 3		Stage 2		Stage 1		Fail	Total
	1st	2nd	1st	2nd	1st	2nd	1st	2nd		
1906	3	13	19	51	139	301	81	68	274	949
1905	3	11	20	91	97	302	81	85	375	1065
Increase ...	...	2	...	...	42	...	...	...	...	...
Decrease ...	...	...	1	40	...	1	...	17	101	116

Two hundred and ninety-two students of the School of Art and 41 of the School of Technology were examined in Art, as compared with 540 and 80 respectively last year,* with the following results :—

	Excellent	1st Class	2nd Class	Certificates	Fail
1906	2	220	341	563	292
1905	4	256	531	791	380
Increase...	...	...	...	...	...
Decrease ..	2	36	190	228	88*

The awards of the National Competition, as compared with the previous year, are given below :—

	Silver Medals	Bronze Medals	National Book Prizes	King's Prizes
1906.....	2	7	15	8
1905.....	2	8	15	10
Increase	...	...	...	...
Decrease	...	1	...	2

* This decrease is explained by reason of the transfer of the Pupil Teachers taking instruction in Art to the Pupil Teachers' College, and of the Students at the Newton Heath Branch School of Art to the classes under the Evening Schools Sub-Committee (B).

City and Guilds of London Institute

In the Technological Examinations of the City and Guilds of London Institute 1,355 individual students were examined, who worked 2,092 papers, as compared with 1,205 students and 1,810 papers in 1905 (some students sat for more than one subject, and in some subjects more than one paper was required). The number of successes gained was respectively 970 and 1,011. The School heads the list of institutions in the United Kingdom, taking the examinations of the Institute, and in respect of the results of such examinations.

The following statement gives the comparative results for the years 1906 and 1905 :—

	Honours		Ordinary			
	1	2	1	2	Pass	Fail
1906	63	125	247	358	177	775
1905	103	112	274	302	220	592
Increase	...	13	...	56	...	183
Decrease	40	...	27	...	43	...

	Silver Medals	Bronze Medals	Money Prizes
1906.....	14	14	£45 0 0
1905.....	16	18	£65 10 0
Increase			
Decrease	2	4	£20 10 0

School Class Examinations

The following is the result of the School Class Examinations in Elementary Science and in special subjects :—

	1st Class	2nd Class	Fail	Total Papers Worked
1906	517	729	401	1647
1905	553	701	407	1661
Increase.....	...	28	...	...
Decrease	36	...	6	14

Sanitary Inspectors, &c.

Eight students gained the Certificates of the Victoria University as Sanitary Inspectors ; 19 students (4 of them women) have been accepted on the results of examination as Associates of the Royal Sanitary Institute ; three students have been accepted on the results of examination as Associates of the Institution of Civil Engineers ; one student has passed the examination of the Sanitary Inspectors' Examination Board ; and one student has obtained the Freedom of the Worshipful Company of Plumbers.

A complete list of the successes of students in the various examinations is published separately.

3.—Training of Teachers.

(36) The question of the provision of Training Colleges for the Training of Elementary Teachers in the City of Manchester has received the careful attention of the Committee during the year. Having acquired, on lease, the property known as "The Dales," Whitefield, for the purposes of a Training College for Men, the Committee further contemplated the acquisition of "Manley Hall" as a Training College for Women, and arrangements were made to include the purchase of the property in the provisions of the General Powers Bill of the Parliamentary Session of 1906. Matters were in this position when the promise of more liberal aid by the Government in the establishment of training colleges decided the Committee not only to hold its hand with regard to the acquisition of "Manley Hall," but to stay any further action for the time being in respect of the equipment and extension of buildings at "The Dales," Whitefield. Training Colleges

The decision of the Committee to await events received its justification when the proposals of the Government became known, and it was announced that grants may be made to local authorities, on certain conditions, to an amount not exceeding 75 per cent. in respect of the capital expenditure incurred in the provision of sites and buildings for training colleges; one of the conditions imposed by the Board of Education indicating that a leasehold site will not be accepted where a freehold site can be obtained, and that no lease must be for a shorter term than 99 years. Government Grants in Aid

In view of the altered conditions due to the generous aid of the Government, the whole question of the provision of training colleges for Manchester is under reconsideration by the Education Committee. A draft scheme has been drawn up, and referred to a representative Sub-Committee for consideration and report, by the adoption of which it is hoped that the Education Committee will be enabled to take the fullest advantage of the substantial aid offered by the Government and to make permanent provision for the training of its teachers on a scale commensurate with the requirements of the City.

The Committee have to express their thanks for an offer, through Mr. Charles Rowley, of a generous gift of 100 pictures for the Residential Training College. Gift of Pictures

(37) In connection with the instruction and training of Pupil Teachers, the Committee have to report that in May last the third annual examination was held for the award of 300 Bursaries to boys and girls of the age of Bursary Examination

14 years who, at the age of 16 or thereabouts, would be willing to become pupil teachers under the Committee. The entries for the examination numbered 587 (154 boys and 433 girls), as compared with 582 candidates (150 boys and 432 girls) in the preceding year, an increase of five candidates, and on the recommendation of the examiners Bursaries tenable in an approved secondary school were awarded to 262 candidates (74 boys and 188 girls). Of these, four did not take up their bursaries, and eight failed to satisfy the Committee's Medical Officer as to their physical fitness for the office of teacher. Altogether there are now 530 young people in receipt of Bursaries from the Committee, and attending secondary schools as probationers for pupil teachership. The following summary shows where these future pupil teachers are receiving their education :—

	2nd Year	1st Year	Total
Municipal Secondary School	122	113	235
Stretford Road Preparatory Classes.	115	97	212
Loreto Convent	11	5	16
Notre Dame Convent	11	10	21
Manchester High School for Girls...	6	12	18
Manchester Grammar School	7	7	14
Catholic Collegiate Institute	8	3	11
Hulme Grammar School	—	2	2
Whalley Range High School for Girls	—	1	1
Totals	280	250	530

Pupil Teachers' College and Stretford Road School

(38) The following figures show the numbers in attendance at the Pupil Teachers' College in Princess Street and at the Preparatory Classes in Stretford Road respectively :—

Pupil Teachers' College.

Number in Attendance

	1st Year	2nd Year	Total
Boys	62	75	137
Girls	136	175	311
	198	250	448

Stretford Road Preparatory Classes.

	1st Year	2nd Year	Total
Girls	97	120	217

The numbers in attendance at the College and Preparatory Classes last year were 444 and 184 respectively. In addition, 23 girl pupil teachers under the Committee are attending the Notre Dame Centre in Bignor Street and 24 the Loreto Convent Centre, Hulme.

On December 31st, 1905, Mr. W. E. Urwick, M.A. Oxon., resigned his position as Principal of the Pupil Teachers' College, on his appointment as an Inspector of Secondary Schools under the Board of Education. Mr. Alfred L. Cann, B.A. Lond., Principal of the Pupil Teachers' College, Bolton, was appointed by the Committee in Mr. Urwick's place, and commenced his duties on April 23rd, 1906. On May 31st, 1906, Miss Mary Kennedy, Lady Tutor at the College, left the service of the Committee to take up the position of Head Mistress of the Municipal Secondary School, Birkenhead. On December 31st, 1905, Mr. H. Entwistle resigned his position as Headmaster of the Preparatory Classes, Stretford Road, on his appointment as Headmaster of the Ducie Avenue Higher Elementary School, and Miss Ada Swithenbank was placed in charge as Headmistress.

Pupil Teachers' Entrance Examination

(39) The Entrance Examination for candidates for a two-years' engagement as pupil teachers under the Committee was held in May last, and was attended by 343 candidates (97 boys and 246 girls), as against 369 candidates last year. The entries were made up of 244 Bursary-holders and 99 outside candidates, as against 231 Bursary-holders and 138 outside candidates last year. The Examination was conducted by Mr. A. L. Cann, Principal of the Pupil Teachers' College, and the results, which were approved by the Board of Education, showed that 69 boys and 143 girls satisfied the Examiners.

Examination Results

The following is a summary of the result of the Final Examinations of the Pupil Teachers in the service of the Committee who terminated their engagements in June, 1906.

(40) *Pupil Teachers' College, Princess Street.*—There were 224 Second Year Pupil Teachers in attendance at the College during the year 1905–6. Of these, 191 took the King's Scholarship Examination ; 26 took Matriculation in lieu of King's Scholarship ; and 7 did not complete their examination—1 owing to illness, and the remaining 6 (Jewesses) because the examination fell on a religious holiday. The following is a summary of the results :—

Matriculation Examination.

No. Sat	1st Class	2nd Class	Failures
26	3	23	0

King's Scholarship Examination

No. Sat	1st Class	2nd Class	3rd Class	Failures
191	25	91	51	24

King's Scholarship Examinaton.

	No. Presented	1st Class	2nd Class	3rd Class	Failures
Loreto Convent Centre	.. 7	1	4	2	0
Bignor Street Centre	12	3	3	5	1

The number of the Committee's Pupil Teachers who have entered Training Colleges on the results of the foregoing Examination is 67, of whom 57 attended the Princess Street Pupil Teachers' College, 4 the Loreto Convent Centre, and 6 the Bignor Street Centre. With regard to those who did not enter College, Mr. Cann, in a report to the Committee dated July 2nd, 1906, stated :—

> "From enquiries made last week of those not going to College, I find that 33 would have gone had they been able to secure admission. They tell me they are debarred by lack of accommodation."

Training College Exhibitions

(41) In order to encourage pupil teachers to enter upon a course of training at the end of their apprenticeship, the Committee offers each year 30 Exhibitions of the annual value of £20 for two years, tenable in an approved Residential Training College or in a Hostel attached to a Day Training College. These Exhibitions were awarded for the first time on the results of the King's Scholarship Examination of December, 1904, and it is a matter of great satisfaction to the Committee to know that they have proved of the utmost value, and in many cases have enabled pupil teachers to go to College who, without the help of the Committee, could not have afforded a course of training. A complete list of the Training College Exhibitions awarded will be found in Appendix G, pages 85 and 86.

Matriculation Results

(42) At the July Examination, 1906, of the Joint Matriculation Board 24 pupil teachers satisfied the Examiners—3 in the first class, and 21 in the second class ; and at the June Matriculation Examination, 1906, of London University, 2 pupil teachers were placed in the first division and 9 in the second.

Pupil-Teacher Centres—Bradford Conference

(43) The question of the retention or abolition of Pupil-Teacher Centres, in view of the recent policy of the Board of Education in favouring the instruction of pupil teachers in Secondary Schools, was the subject of a Conference of Education Authorities held at Bradford on December 5th, 1905, at which this Committee was represented by Sir James Hoy and the Directors.

The Conference adopted the following resolution :—

> "That this Conference, recognising the varying conditions of educational work, expresses the opinion that a large amount of discretion should be given to Education Authorities throughout the country in respect of the training of teachers ; further, that in the opinion of this Conference Pupil-Teacher Centres are, for the larger Urban Authorities, the most generally useful method of training teachers."

(44) In May last, at the request of the Board of Education, a Conference was held between representatives of the Board and the members of B Sub-Committee to consider :— Conference with Board of Education

(1) The provision made, or to be made, for the instruction of pupil teachers, and of boys and girls who are intending to be pupil teachers.

(2) So far as it bears directly upon (1) the provision made, or to be made, for Secondary Schools, especially as concerns girls.

The representatives of the Board present at the Conference were :— Mr. W. C. Fletcher, Chief Inspector of Secondary Schools ; Mr. E. K. Chambers, Board of Education ; Mr. W. B. Hards, H.M.I. ; and Mr. J. W. Headlam, H.M.I.

IV.—Municipal Secondary School.

(45) There are at the present time 836 scholars (477 boys and 359 girls) on the books of the Municipal Secondary School, as compared with 875 scholars (511 boys and 364 girls) at the corresponding period of last year. The decrease of 39 is due to the operation of a regulation of the Board of Education limiting the size of classes to 35. There is no lack of candidates for admission : at the last entrance examination there were 65 candidates for 30 places. Number in attendance

Of these 836 scholars, 616 are children of ratepayers and 220 children of non-ratepayers of the City. The number of scholars admitted without payment of fees is 168—viz., 109 boys and 59 girls.

(46) The question of the provision of a new Secondary School for Girls, to take the place of the present inadequate accommodation, has been the subject of much correspondence with the Board of Education during the year, and was discussed with the Board's representatives at the Conference to which reference is made above. Proposed New School for Girls

(47) The Report of the First Inspection of the Municipal Secondary School, Whitworth Street, held by the Board of Education in September, 1905, was considered early in the year by a Special Sub-Committee appointed for the purpose. The Report was a lengthy document, consisting of thirty-two foolscap pages of type-written matter, dealing exhaustively with the work of the School. After careful consideration, the Sub-Committee made a number of recommendations chiefly affecting the equipment of the School, which have since been carried into effect. Report of Government Inspector

The work of the School has proceeded smoothly and satisfactorily; a list of the chief successes won by members of the School during the past year will be found in Appendix H, page 87.

(48) The Scale of Salaries adopted by the Committee for teachers in the Municipal Secondary Schools and Pupil Teachers' College is given in Appendix I, page 88.

V.—Evening Schools.

Number of Evening Schools

(49) Arrangements have been made for the conduct of 115 Evening School Departments in 83 school buildings during the session 1906–7. These include :—

	Departments
Evening Continuation Schools	74
Branch Technical Schools	6
Commercial Evening Schools (1 Central Institution, the Municipal School of Commerce, and 17 Branch Schools).....	18
Evening Institutes for Women and Girls.....	9
Special Classes for Policemen	3
Classes for Teachers	5
	115

Group Courses of Instruction

(50) The question of a suitable curriculum for the Evening Schools of the City has been under consideration by the Committee, who have decided on the adoption in each class of school of organised Group Courses of instruction extending over at least two years, and preparing students for entrance to classes of a higher grade.

It is possible that the immediate result of this decision will be a diminution in the numbers in attendance, but it will certainly bring about an increased efficiency in the work of the Evening Schools.

Such courses have already been carried on for two years past in the Ardwick and Birley Street Branch Technical Schools with altogether satisfactory results, and arrangements have now been made to establish suitable courses in other classes of schools.

The idea underlying the adoption of systematic courses of instruction throughout the Evening Schools is that evening students shall receive the instruction most suitable for them, bearing in mind their present or future occupation and their attainments.

The Committee have had the hearty co-operation of the teachers, who have given invaluable assistance in the drawing up of practical and

workable schemes. The diagrams given in Appendix J, pp. 89 to 92, explain graphically the schemes of Group Courses now in operation in the Committee's Evening Schools.

Attendance

(51) The Evening School Session for 1906–7 opened on the 24th September, 1906, and the return for the first week showed a decrease in average attendance of 783 as compared with the corresponding period of last year. The decrease is partly due to the establishment of Group Courses and partly to the adoption of sessional fees—payable, however, by instalments—in lieu of the unsatisfactory system of weekly fees hitherto in force.

It is confidently anticipated, however, that the decrease in attendance will be only temporary, and that the foregoing arrangements will result not only in increased efficiency but in a steadier attendance.

Fees

(52) The amount received for fees for the first week of the session is £1,725 13s. 2d., as against £1,627 15s. for the first week of last session—an increase of £97 18s. 2d.

Free Admission

(53) In 1904 the Committee, with a view of inducing young people to join Evening Schools immediately on leaving Day Schools, put into operation a scheme whereby such pupils might be admitted free of charge for one session. After two years' experience of the working of the scheme, figures are now available showing to what extent scholars who were granted the privilege of free admission in 1904–5 returned to continue their studies as ordinary fee-paying students in 1905-6.

The figures show that out of 2,589 free students who attended regularly throughout the session 1904–5 no less than 1,244, or 48 per cent., returned to school for the session 1905–6 and paid their own tuition fees—a very encouraging result. It is satisfactory to the Committee to know that this scheme for bringing the day and evening schools into vital relations with each other, which had its origin with the Manchester Education Committee, has since been adopted in many other parts of the country.

Government Grants

(54) The Government Grants earned by the Evening Schools (outside the School of Technology and School of Art) in 1904-5 amounted to £10,100 0s. 6d., compared with £9,188 3s. for the preceding year—an increase of £911 17s. 6d.

Branch Technical Schools

(55) The equipment of the six branch Technical Evening Schools held at Ardwick, Birley Street, Cheetham, Ducie Avenue, Newton Heath, and Openshaw has been further improved during the year by the provision of laboratories for Practical Mechanics, so that every student in these schools can now be provided with a course of instruction, including laboratory practice, directly bearing upon his occupation.

Branch Commercial Schools

(56) The number of branch Commercial Schools has this session been increased from 14 to 17, and the Group Courses, leading up to the more advanced work at the Evening School of Commerce, have been well taken up by the students—3,200 in number—who have joined the classes.

Municipal Evening School of Commerce

(57) The Municipal Evening School of Commerce continues to increase in numbers, so that it has become a serious problem how to accommodate the students in attendance. Before the end of the session 1905–6 the number of individual students of the school reached 3,484, as against 3,000 in the preceding year. Of this total, 2,574 were over 18 years of age ; and of these, 1,636 were between 20 and 30 years old and 335 were over 30 years. A return is given in Appendix K, pages 93 and 94, showing the ages of the students on the books of the school last session, together with their places of residence. A Capitation Grant of £247 was made by the Lancashire County Council in respect of students from the Administrative County in attendance at advanced classes in commercial subjects at the School of Commerce, as against £239 last year.

A report recently received from the Board of Education on the Evening Schools of the City speaks in high terms of the scope and character of the work done in the Evening School of Commerce.

Courses of Special Lectures for business and professional men have extended and developed, and new courses arranged in Fire, Life, and Marine Insurance, and in Patents, Designs, and Trade Marks. In Appendix L, page 95 and 96, will be found a summary showing the entries in the various subjects taught at the Municipal Evening School of Commerce last session.

Classes for Teachers

(58) In connection with the Special Courses for Teachers, the classes in preparation for the Preliminary Examination for the Certificate and for the Certificate Examination of the Board of Education, held in the evening at the Pupil Teachers' College, Princess Street, under Mr. A. L. Cann, have been reorganised. There are now 271 ex-pupil teachers in attendance.

The Kindergarten Classes held by the Committee have been well attended, and the students have been conspicuously successful at the examinations in connection with the National Frœbel Union. A class in Basket work for teachers in Special Schools has been opened this session, and is attended by 21 students.

Attendance Returns and Examination Results

(59) Particulars are given in Appendix M, pages 97 to 99, of the number of students in all schools and classes conducted by the Committee last

session, together with summaries of the results of examinations conducted by the Committee, the Society of Arts, the Lancashire and Cheshire Institutes, and the Board of Education.

VI.—School of Domestic Economy.

School of Domestic Economy

(60) Towards the end of last year, owing to the lamented death of Mr. C. J. Heywood, the Trustees of the Manchester School of Domestic Economy and Cookery found themselves unable any longer to carry on the school, and they approached the Education Committee with a view to its transfer, which accordingly took place on the 18th December, 1905.

Miss A. Romley Wright

(61) On the transfer of the school, Miss A. Romley Wright retired from the position of Honorary Secretary and Managing Trustee, after a connection with the school of 25 years devoted and unstinted service, and on the 3rd April, 1906, at a well-attended public meeting held at the Town Hall, the Lord Mayor (Councillor J. H. Thewlis) presented Miss Wright with an illuminated address and a purse, as a tribute of appreciation, esteem, and affection from those who had been closely associated with her as friends, managers, teachers, and students.

Accommodation

(62) The Committee have greatly improved the accommodation during the year by the enlargement and better equipment of the cookery kitchen on the ground floor, and the much-needed provision for training students to become teachers of laundry work has also been made.

Number of Students in Training

(63) The following is the number of students in training at the present time :—

Cookery	31
Laundry Work	11
Total	42

There are in addition 31 other students in attendance at the school.

New Regulations for Training Schools

(64) In February, 1906, it was announced that the Examinations in Cookery held by the Board, and the award of Diplomas by the Board on the results of such examinations, would be discontinued. The Board has since issued regulations for the recognition of Diplomas awarded by Training Schools, and the Committee have decided to take advantage of these regulations and to appoint their own Examiners and award their own Diplomas. Miss Emily C. Stubbs, formerly Examiner for the Board of Education, has been appointed Examiner in Cookery, and Miss Helena Head, Principal of the Liverpool School of Domestic Science, Examiner

in Laundry Work. The Committee's scheme for the training and examination of students, and the award of Diplomas, received the sanction of the Board in September last.

Additions to Committee

(65) In June last, in order to comply with the requirements of the Board as to the proportion of women on the Body of Managers, Miss S. A. Burstall and Miss E. Cox were added to the School of Domestic Economy Sub-Committee.

Grants

(66) The school has now been recognised by the Board of Education as eligible for grant under Section 42 of the Regulations for Technical Institutions. A special grant of £50 has been made by the Lancashire County Council.

VII.—Scholarships.

Alterations in Scholarship Scheme

(67) The Scheme of Scholarships adopted by the Committee was amended in October, 1905, in the following points: (1) The limit of age for girls competing for Senior Secondary School Scholarships was extended by one year, so that girls of 16 years of age are now eligible; and (2) the Hulme Grammar School was added to the list of schools for the purpose of the award of Bursaries to Foundation Scholars from Public Elementary Schools.

Grant

(68) In connection with the Scholarships tenable at the Victoria University and at the School of Technology, the Board of Education have agreed to make a grant of £25, under Chapter 7 of the Regulations for Evening Schools and Technical Institutions, in respect of each Scholarship awarded to students taking Science courses.

Entries for Examinations

(69) The examinations for the award of Scholarships, Exhibitions, Bursaries, and Free Admissions took place in the months of May, June, and July. The following is a statement of the number of entries for the respective competitions, compared with those of the preceding year :—

	1906	1905
Free Admission to Higher Elementary Schools	466	401
Bursaries to Scholars in Higher Elementary Schools	220	225
Free Admissions to Municipal Secondary School	259	265
Junior Secondary School Scholarships	145	109
Senior Secondary School Scholarships	17	34
Municipal School of Technology Scholarships	14	18
Municipal School of Art Scholarships	16	14
Victoria University of Manchester Scholarships	46	34
	1183	1100

(70) A list of the names of all the scholars to whom Scholarships have been granted, or whose Scholarships have been renewed, appears in Appendix N, pages 100 to 122. List of Scholarship Holders

(71) The distribution of the Scholarship Certificates, including new awards and the renewal of former Scholarships, took place in the Town Hall, under the presidency of The Right Hon. The Lord Mayor (Councillor J. H. Thewlis), on Tuesday, September 11th, when Dr. T. J. Macnamara, M.P., distributed the Certificates, and gave an interesting address to a large audience of students and their friends. Distribution of Certificates

The recipients numbered 495. Owing to the large number of Scholarship awards, a second distribution has been arranged to be held on the 20th October, when Miss Sara A. Burstall, M.A., Head Mistress of the Manchester High School for Girls, will distribute the Certificates to the boys and girls who have been successful in gaining free admission to the Higher Elementary School. The number of recipients on the second occasion will be 160.

VIII.—Grants in Aid of Technical Institutions.

(72) The Committee had under careful consideration the claims of the various Educational Institutions to grants in aid, and adopted the following recommendations, which were approved by the City Council :— Grants in Aid

	£	s.	d.
The Victoria University of Manchester	4000	0	0
The Royal Manchester College of Music	300	0	0
The Manchester Grammar School	600	0	0
The Hulme Grammar School	250	0	0
The Manchester High School for Girls	300	0	0
The Whalley Range High School for Girls ...	250	0	0
The Lower Mosley Street Evening Classes ...	200	0	0
The Manchester and Salford Recreative Evening Classes.....	100	0	0
The Dob Lane Evening Classes	70	0	0
The Catholic Collegiate Institute	50	0	0
The Union of Lancashire and Cheshire Institutes, towards cost of Examination Papers	100	0	0
	£6220	0	0

The increase in the grant to the Whalley Range High School for Girls—from £150 to £250—was made in view of the proposals made by the

Council of the School for its transfer to the Education Committee, and of the Committee's decision to defer consideration of the question.

Representation

(73) The representation on behalf of the Committee upon the various governing bodies was arranged as follows :—

The Victoria University of Manchester.	Councillors Pennington and Lane-Scott
The Royal Manchester College of Music.	The Lord Mayor (Councillor Thewlis)
*The Manchester Grammar School	Councillor Dearden and Mr. E. J. Broadfield.
Hulme Grammar School	Councillor Edwards.
The Manchester High School for Girls..	Councillor Fildes.
Whalley Range High School for Girls..	Miss Ashton.
The Lower Mosley Street Evening Schools	Councillor Butterworth.
Manchester and Salford Recreative Evening Classes.....	Councillor Marr.
Dob Lane Evening School	Mr. T. Fletcher Robinson.
The Catholic Collegiate Institute	Councillor Ruddin.
The Union of Lancashire and Cheshire Institutes	Mr. W. Wardale.

* Councillor Porter was appointed subsequently as the representative of the Committee on the Governing Body of the Manchester Grammar School *vice* Councillor Dearden, who had resigned his seat on the City Council.

Elementary Education.

The Elementary Education Sub-Committee consists of the whole of the members of the Education Committee.

The Elementary Education of the City may be conveniently arranged under the following heads :—

I.—School Management (dealt with by the Elementary Education Sub-Committee).

II.—Administration.

III.—Industrial Schools.

IV.—Sites and School Buildings.

For the purposes of this Report the particulars regarding the work of the foregoing Sub-Committees are arranged under the following headings :—

I.—School Management :—

(1) School Accommodation
(2) Ages and Standards of Children
(3) School Staffs
(4) School Curricula
(5) Religious Instruction in Municipal Schools
(6) Fees and Books
(7) Inspection of Schools
(8) Cookery and Domestic Economy
(9) Manual Instruction (Woodwork)
(10) Higher Elementary Schools
(11) Prizes
(12) Meals for School Children
(13) School Savings Banks
(14) Country School
(15) School Playgrounds and Playing Fields
(16) Physical Exercises
(17) Medical Inspection of Children
(18) Staffing of Schools
(19) Scale of Salaries of Teachers
(20) Thrift Fund.
(21) Distress Committee
(22) Stammering Children
(23) Bathing of School Children.

II.—Administration :—

(24) School Attendance
(25) Labour Certificate Examinations
(26) Flower Growing by Children
(27) Blind and Deaf Children
(28) Defective and Epileptic Children
(29) Crippled Children
(30) Return of Number of Children in Special Schools.

III.—Industrial Schools :—

(31) Committal of Children to Industrial Schools
(32) Children maintained in Industrial Schools
(33) Mill Street Day Industrial School.

IV.—Sites and School Buildings :—

(34) School Sites
(35) School Buildings
(36) Alterations and Extensions
(37) Approval of Plans
(38) Provision of Temporary Schools
(39) Oversight of Buildings
(40) Furnishing of Schools
(41) Repairs, etc.

I.—School Management.

School Accommodation

(1) School Accommodation :—

The following is a return of the number of Public Elementary Schools in the City, showing the number of School Buildings, the number of Departments, the Accommodation, and the number of Scholars on the Books, September 29th, 1906 :—

Public Elementary Schools	No. of Buildings	No. of Departments	Accommodation	On Books, Sept. 29th, 1906
Municipal Schools.....	100	188	69426	60201
Non-Provided Schools ...	93	205	59066	50258
Totals	193	393	128492	110459

(2) Ages and Standards of children in the Public Elementary Schools of the City :—

At the beginning of the year the following were—

(*a*) The Number of Scholars on the Registers at various ages.

Schools	Between 3 and 4	Between 4 and 5	Between 5 and 6	Between 6 and 7	Between 7 and 8	Between 8 and 9	Between 9 and 10	Between 10 and 11	Between 11 and 12	Between 12 and 13	Between 13 and 14	Between 14 and 15	15 and over	Total
Municipal	1278	2797	5699	6085	6114	6431	6397	6372	6278	6191	4444	516	77	58679
Non-Provided	1208	2590	5524	5905	5676	5636	5600	5216	4901	4718	3011	249	36	50270
Total	2486	5387	11223	11990	11790	12067	11997	11588	11179	10909	7455	765	113	108949

(*b*) The Number of Scholars on the Registers in the various Standards.

Schools	Infants	Standard I.	Standard II.	Standard III.	Standard IV.	Standard V.	Standard VI.	Standard VII.	Standard Ex. VII.	Higher Elementary Schools	Total
Municipal	14324	9086	7405	7080	6927	5464	3806	2050	301	2236	58679
Non-Provided	14725	7687	6802	6022	5470	4489	3126	1590	146	213	50270
Total	29049	16773	14207	13102	12397	9953	6932	3640	447	2449	108949

(3) School Staffs :—

School Staffs

The following is a summary of the number and classes of teachers engaged in the Public Elementary Schools of the City :—

STATUS	Municipal Schools			Non-Provided Schools		
	Men	Women	Total	Men	Women	Total
Head Teachers	71	106	177	69	119	188
Assistant Teachers—						
Certificated	335	622	957	113	360	473
Uncertificated	51	385	436	50	502	552
Supplementary ...	...	4	4	1	87	88
Pupil Teachers	100	234	334	35	97	132
	557	1351	1908			
				268	1165	1433
				557	1351	1908
Special Teachers				47	26	73
Totals				872	2542	3414

Summary.

STATUS	Men	Women	Total
Head Teachers	140	225	365
Assistant Teachers—Certificated ...	448	982	1430
,, Uncertificated...	101	887	988
,, Supplementary.	1	91	92
Pupil Teachers	135	331	466
Special Teachers	47	26	73
Totals	872	2542	3414

(4) School Curricula :— School Curricula

At the date of the last report, the subjects of instruction in the Public Elementary Schools of the City were under consideration. A revised curricula has now been issued dealing with the courses of instruction in Municipal and Non-Provided Schools. A copy of this curricula will be found in the Appendix O, pages 123 to 133.

The Education Committee have adopted a scheme (Appendix P, pages 134 to 136) which aims at effecting an improvement in the quality of the reading in the upper classes of the Public Elementary Schools. It is hoped that the result of the operation of the scheme will be to increase the intelligent use of books and improve the range of thought and powers of composition of the children.

(5) Religious Instruction in Municipal Schools :— Religious Instruction

During the year the scheme of Religious Instruction for use in the Municipal Public Elementary Schools has been carefully revised. The scheme will be found in the Appendix Q, pages 137 to 144.

(6) Fees and Books :— Fees and Books

There are no charges for fees or books in the Ordinary Municipal Public Elementary Schools, but in certain Non-Provided Schools fees are still charged by the Managers. In all cases where it has been proposed by the Managers that such fees should be abolished, the Education Committee have given their approval.

In four Higher Elementary Schools, including St. Margaret's, Moss Side, a fee of 6d. per week (9d. for Non-Ratepayers) is charged, together with the cost of books. In one Higher Elementary School, Birley Street, Beswick, there is a fee of 1d. per week. Charges are also made for fees and books in the Junior Departments of certain of these Higher Elementary Schools. In Appendix R, page 145, is given a list of the fees charged at these Schools.

(7) Inspection of Schools :— Inspection of Schools

All the Government Reports on the Public Elementary Schools of the City received during the year have been submitted to the Committee, and the suggestions and recommendations contained therein have received careful consideration. It may be here noted that Mr. E. M. Sneyd-Kynnersley, Chief Inspector for the North-Western Division (stationed in Manchester), was on the 1st October succeeded by Mr. H. P. Henderson.

The Committee employ a staff of three Inspectors, who also act as Organising Masters, and deal with all the Public Elementary Schools of the City. A Woman Inspector deals with Kindergarten Instruction and the Organisation of certain Infant Schools.

Cookery and Domestic Economy

(8) Cookery and Domestic Economy :—

The provision of Centres for the teaching of Cookery has during the year been extended in a number of cases. The teaching of Household Management has been successfully carried on at one centre, and it is proposed, as soon as circumstances will allow, to extend this instruction. During the year 6,258 girls have received instruction in Cookery ; 111 in Household Management ; and 470 in Laundry Work.

Manual Instruction

(9) Manual Instruction (Woodwork) :—

In this Department there have also been extensions. The 22 Centres named in the last report have been increased to 27, and provide for boys coming from 105 schools. 9,645 boys have received instruction during the year. In all new schools provision is made for Centres for Manual Instruction, in order to supply the needs of the schools in neighbourhoods where provision has not already been made.

Higher Elementary Schools

(10) Higher Elementary Schools :—

The Municipal Higher Elementary Schools at Ardwick (Devonshire Street), Beswick (Birley Street), Cheetham (Heath Place), and Greenheys (Ducie Avenue), have been efficiently maintained during the year under the Regulations of the Board of Education. St. Margaret's School (Moss Side), which in its Upper Division was formerly a School of Science, has during the year been converted into a Higher Elementary School.

The following return shows the accommodation at the Higher Elementary Schools, together with the numbers in attendance. No account is taken in the return of the children in the Junior Departments attached to these Schools.

Higher Elementary Schools—Returns of Accommodation and Attendance.

School	Department	Accommodation	Attendance		
			Average	Actual	On Books
Ardwick	Mixed	420	412	424	436
Birley Street	Boys	400	359	371	383
,,	Girls	280	294	307	331
Cheetham	Mixed	420	329	339	354
Ducie Avenue	Boys	370	319	333	343
,,	Girls	355	304	315	334
St. Margaret's	Boys	232	199	208	219
Total		2477	2216	2297	2400

(11) Prizes :— Prizes

During the year, book-prizes have been given to the whole of the children attending the Public Elementary Schools who have fulfilled the following conditions :—

(*a*) Children in the standards obtaining 400 or more marks for early attendance.

(*b*) Infants obtaining 350 or more marks for early attendance.

The conditions in each case being that early marks are given only for attendance at 9 a.m. and 2 p.m.

Certificates are awarded in all cases where perfect attendance has been made. The number of Certificates given this year was 7,967. A Special Sub-Committee has had under consideration the quality of the books given as prizes, and during next year it is proposed to select samples of suitable books, and generally to revise the regulations now in force.

(12) Meals for School Children :— Meals for School Children

Under the circumstances set forth in the last Report, the provision of meals for necessitous school children is made by the Poor Law Guardians under the Relief (School Children) Order, 1905.

(13) School Savings Banks :— School Savings Banks

The scheme of Savings Banks has been applied to the whole of the schools of the City, and, with a few exceptions, the banks are now conducted under the direct control of this Committee. The accounts of the School Banks are audited each May and November, and a copy of the report presented to the Finance Committee after the last audit will be found in the Appendix S, page 146. During the last completed year (November, 1905) the total amount deposited in the School Banks was £38,998 14s. 9d. ; the amount repaid was £37,073 12s. 1d. ; there was transferred to accounts opened at the Manchester and Salford Savings Bank the sum of £1,291 7s. 3d., and at May the amount remaining to the credit of the children in the Committee's Savings Banks was £14,966 4s. 4d. During the year the number of transactions was 1,190,396, and there were 47,202 depositors having open accounts at the end of the year.

It is worthy of note that since the commencement of the School Banks in 1877 the gross sum deposited has reached £387,135 15s. 4d.

(14) Country School :— Country School

The Country School for Manchester children, conducted by a Voluntary Committee, has continued to render useful service to the children of the Manchester Public Elementary Schools. During the year, something like

1,200 children and teachers have benefited by the fortnight's stay at Knolls Green. There has been an increase in the number of children this year owing to the fact that tents provided by the Committee for Mill Street Day Industrial School have been in use. With these tents it has occasionally been possible to accommodate 160 boys at one time—80 in the school building and 80 in the camp. In connection with the question of accommodation, there has been received from the Committee of the School a representation to the effect that experience has shown it is not possible to maintain the school by means of contributions paid by the parents so long as such accommodation is restricted to the present number accommodated in the permanent building—viz., 80. It was represented further that if the accommodation could be extended to 120 it would be possible to make the school self-supporting. It was also pointed out that a sum of £3,000 had already been spent on the provision of the existing building, and the Committee of the School ventured to ask the Education Committee to provide the cost of such an extension as would make the Country School self-supporting. It was decided that the application should be favourably entertained, and it was referred to the Administrative Sub-Committee to make suitable arrangements, with power to make a grant not exceeding £400 from a fund at the disposal of the Committee.

The Country School Sub-Committee have since been asked to approach the David Lewis Trustees with a proposal that the existing lease of the Country School shall be cancelled, and that in lieu thereof a fresh lease for 10 years be granted to the Manchester Education Committee, with the provision that at the end of such 10 years the Committee shall have the option of purchasing the land (up to 10 acres) at £50 per acre.

School Playgrounds and Playing Fields

(15) School Playgrounds and Playing Fields :—

During the summer months the Committee have opened the following school playgrounds for the general use of children from 4-30 p.m. to dusk on week-days (except Saturdays), and from 9 a.m. to dusk every Saturday and every week-day during the school holidays :—

Birley Street, Beswick (subsequently closed owing to building operations).
Embden Street, Chorlton-upon-Medlock.
Hague Street, Newton Heath.
Holland Street, Miles Platting.
Lily Lane, Moston.
Moston Lane, Moston.
Nelson Street, Miles Platting.
Ross Place, Ardwick.
Stanley Grove, Longsight.
Varna Street, Openshaw.
Wheler Street, Openshaw.
Waterloo Road, Cheetham.

The playgrounds have been extensively used by children who would otherwise have had no place to play in except the streets.

A Special Sub-Committee have had under consideration the provision of playing fields in various parts of the City for the use of the older children in the Public Elementary Schools. Increased interest has been given to the question of such provision by the fact that in the new Code of Regulations for Public Elementary Schools (issued by the Board of Education in July last) it is indicated that : "In schools for older children a period occupied during the school hours in properly organised games under competent supervision and instruction " may be counted as school attendance.

The Board of Education desire that these facilities shall be provided. and the whole question is dealt with in the Interim Report of the Playing-Fields Sub-Committee (Appendix T, pages 147 and 148.)

(16) Physical Exercises :— Physical Exercises

The carrying out of the scheme of Physical Exercises has been fully maintained in the schools, and the Superintendent has continued his classes for the training of the teachers. 236 Teachers have completed the course of instruction during the year, and 2,303 have now passed through the classes.

(17) Medical Inspection of Children :— Medical Inspection of Children

The Medical Officer, in reviewing the work done during the last twelve months, reports as follows :—

During the past year the children attending the Public Elementary Schools have been subject to a somewhat severe epidemic of measles, and whooping cough has also been very prevalent. Great efforts have been made to ensure the exclusion of affected or suspected children from the schools, and, with the co-operation of the teachers, this has been to a very large extent accomplished. Your Medical Officer would, however, again emphasise the fact that these efforts are not properly supplemented by adequate precautions on the part of the parents, and much good work is nullified on this account. Some time ago the recommendation was made that measles and whooping cough be scheduled as Dangerous Infectious Diseases without notification being compulsory.

Cases of scarlet fever have also been numerous in the past year, and where the origin of the outbreak has been an unrecognised and untreated case attending school, the infection has been traced and removed. In other cases, classes and even whole schools have been examined, and every suspected child excluded. Your Medical Officer begs to acknowledge the prompt and valuable help given by the Medical Officer of Health in this work.

The testing of the children's eyesight has been continued—this year with the help of Dr. Tom Walker, whose recent death is so greatly to be regretted. The total number of children tested was 41,250, and of these 2,495 were found to be suffering from defects of such gravity as to warrant the parents being notified. With the appointment of an Assistant Medical Officer, it will be possible to relieve somewhat the great pressure hitherto put on the honorary staffs of the Eye Hospitals by spreading the testing over a longer period, and arranging for the more equable distribution of the circulars to districts supplying both Eye Hospitals. A report has already been made regarding those children whose eyesight—even with the aid of glasses—is still very defective, and note has been taken of the large number of children whose parents have not availed themselves of the facilities and aid offered in procuring glasses where required.

1,842 children were reported as suffering from Defective Hearing, and of these 481 were suffering from grave defects, and the parents were notified. A large number of the remainder had the ears blocked with wax, and in these cases the teacher advised the parents as to having the obstruction removed.

In the cases of defective vision and defective hearing there remains much to be done, as the returns are as yet quite inadequate. It is hoped that with an increased amount of time at disposal your Medical Officer will be enabled to improve largely on the work done with regard to these two items.

The following tables show the result of the Medical Officer's examination of the candidates for Bursaries and for two years' engagement as Pupil Teachers respectively :—

Bursary Candidates—262.

Referred for Treatment or Re-examination	Postponed	Not Attended	Cancelled	Rejected	Passed
89	4	2	1	4	251

Pupil Teachers—218.

54	2	0	0	0	216

Almost all those referred were afterwards passed, the temporary defect having been removed.

In accordance with the proposals made last year, the students attending the Pupil Teachers' College attended one of two courses of twelve lectures on Hygiene and Physiology given by your Medical Officer ; 189 students attended the course. The lectures were given twice, in order to meet the arrangements as to the work of the various pupils. The lectures were illustrated by numerous lantern slides, and the pupils were supplied with diagrams and condensed notes on the subjects dealt with. Each student also received a copy of the " Notes on Hygiene for

Teachers" printed by the Education Committee last year. Experience has taught your Medical Officer that in order to teach young pupils efficiently a course of at least 20 lectures will be necessary, and a syllabus embodying such a course has already been submitted, and from it the 12 lectures given this year were taken. Your Medical Officer has emphasised the importance of this work, and urged that it be continued in the extended way proposed.

Proposals for a limited investigation with regard to Dental Caries, and for the Physical Examination each year of the children attending a small number of schools, have been made and accepted. It is hoped that useful work will be done in this direction.

Many cases of non-attendance of children at school have been submitted to your Medical Officer during the past year, and, after careful examination, an opinion as to fitness or unfitness for school has been given.

Many teachers continue to consult your Medical Officer with regard to children suffering from troubles other than Infectious Disease, and in this direction it is hoped that the work will be much extended.

(18) Staffing of Schools :—

Staffing of Schools

The staffs of the various Public Elementary Schools have been fully maintained. Although there has not really been the same scarcity of teachers as was experienced immediately upon the passing of the Education Act of 1902, it has still been found necessary to engage a considerable number of uncertificated assistants, and it is most desirable that the services of an increased number of certificated teachers should be obtained.

(19) Scale of Salaries of Teachers :—

Scale of Salaries of Teachers

The commencing salaries of Trained Certificated Men and Women Assistant Teachers have been increased by £5 and £10 per annum respectively, and, in conjunction with the Salford Education Committee, further alterations have been made as follows :—Provision for adjusting certain inequalities in the payment to Principal Teachers on account of Pupil Teachers ; the initial total salaries of Head Mistresses of Schools with over 150 in average attendance have been increased to £130 per annum ; the maximum salaries of Certificated Assistant Teachers (Men, Class B) have been increased to £150 per annum ; and the minimum salaries of Uncertificated Women Teachers (Class D) have been raised to £45 per annum. A copy of the scale will be found in Appendix U, pages 149 to 152.

(20) Thrift Fund :—

Thrift Fund

At the present time 1,801 Officers and Teachers contribute to the fund, and these far outnumber the contributors in any other department of the Corporation.

Distress Committee

(21) Distress Committee :—

In response to a request of the Council, a resolution was passed in the beginning of the year authorising the officials of the Education Committee to render any assistance in their power in connection with the work of the Distress Committee, and considerable assistance has been so rendered by the Director of Elementary Education, the Committee's Accountant and other officials.

Stammering Children

(22) Stammering Children :—

In November last the Education Committee engaged the services of Professor Léon Berquand in connection with the treatment of an experimental class of ten children who were suffering from stammering. The course of instruction was completed before the end of the year, and there was a public demonstration of the cures effected. Some months later, at the request of Professor Berquand, the ten children were again examined in the presence of the Lord Mayor, Sir James Hoy (Chairman of the Education Committee), and a number of officials. It was found that the children had retained their command of speech in the intervening period, and that there had been no relapse.

Miss Mona Clay, the Committee's Inspector of Infant Schools, who was associated with the instruction of the experimental class, has proved herself an efficient instructor on Professor Berquand's system, and since the completion of the experimental class referred to has taught two groups of children, who finished their course at the beginning of the midsummer holidays. Professor Berquand has congratulated Miss Clay on the success achieved, and has expressed satisfaction in seeing that his work of promoting the treatment of stammering among the poorer classes is in such good hands in Manchester. Dr. A. Brown Ritchie, the Education Committee's Medical Officer, has also examined the pupils who have been under Miss Clay's instruction, and considers the results eminently satisfactory. Miss Clay's Report on the two courses for stammering children will be found in Appendix V, pages 153 and 154. A third course is at present in progress, and it is intended to continue the instruction.

Bathing of School Children

(23) Bathing of School Children :—

Under regulations issued by the Manchester Corporation, Public Elementary School children are admitted free to the second class swimming baths when in charge of a teacher. Full particulars of the facilities afforded will be found in Appendix V[1], pages 155 and 156.

With regard to the teaching of swimming the Committee desire to acknowledge the valued help which the Royal Humane Society for the Hundred of Salford continue to render by presenting badges for competition among children in the schools.

(24) School Attendance :—

The following is a return of School Attendance at the Public Elementary Schools of Manchester for the month ended September 29th, 1906 :—

Return of School Attendance, September, 1906.—Summary.

Denomination	Accommodation	Month ending September 29th, 1906			Percentage of Average on No. on Books	Month ending September 29th, 1905			Percentage of Average on No. on Books	Increase			Decrease		
		Average Attendance	Actual Attendance	No. on Books		Average Attendance	Actual Attendance	No. on Books		Average	Actual	No. on Books	Average	Actual	No. on Books
Municipal	69426	54694	57390	60218	90·83	53526	56017	58938	90·82	1168	1373	1280	...	...	...
Church of England ...	38472	29132	30839	32489	89·67	29682	31360	33282	89·18	...	...	...	550	521	793
Roman Catholic	17768	13390	14357	15151	88·38	13467	14431	15200	88·60	...	...	...	77	74	49
British	2805	2385	2491	2601	91·70	2493	2596	2721	91·62	...	...	...	108	105	120
Wesleyan	...	Now	Municipal Schools.			658	706	750	87·73	...	...	...	658	706	750
Various Residential Institutions															
Schools for the Blind	...	35	35	35	100·00	31	31	31	100·00	4	4	4	...	...	...
,, for Crippled Children ..	...	30	30	30	100·00	18	18	18	100·00	12	12	12	...	...	...
,, for the Deaf	...	52	52	52	100·00	55	55	55	100·00	...	...	...	3	3	3
,, for Epileptics	...	40	40	40	100·00	34	34	34	100·00	6	6	6	...	...	...
(*a*) ,, for Mentally Defective	...	32	32	32	100·00	28	28	28	100·00	4	4	4	...	...	...
Industrial Schools	...	452	452	452	100·00	479	479	479	100·00	...	...	...	27	27	27
Totals	128471	100242	105718	111100	90·23	100471	105755	111536	90·08	1194	1399	1306	1423	1436	1742

The following Schools having now been transferred to the Education Committee are included in this Return as Municipal Schools, viz.:—Eagle Street (Wesleyan) and Collyhurst (Wesleyan).

(*a*) There are also Special Day Schools for Defective Children at Embden Street, Hague Street, and Harpurhey.

It should be here noted that during the year there has been an unusual amount of infectious sickness amongst children attending the public elementary schools. This is more specifically referred to in the Report of the Committee's Medical Officer on page 43.

The school attendance officers employed are 1 Superintendent, 3 inspectors, and 59 visiting officers.

The Attendance Shield provided by Miss Ashton, for competition amongst schools in the Withington district, has been jointly won by the Boys' and Girls' Departments of Didsbury National School. In accordance with the regulations, the Shield will be hung for six months in each of these departments.

The Entwistle Memorial Shield, open to competition amongst all the public elementary schools of the city, has been won by St. James's National School, Birch.

Rota Committees are regularly held in the evenings in different districts of the City for the purpose of dealing with reports against parents regarding absence of children from school.

These Rota meetings afford opportunities for persons desirous of voluntarily laying before a member of the Committee difficulties with regard to school attendance arising through poverty or family circumstances, and before any person is sent to the Magistrates for a breach of the Bye-laws an opportunity is given for explanation to one of these Rota Committees.

It is satisfactory to note that in a very considerable proportion of the cases summoned before the Rotas the warnings given thereat have been found sufficient to secure obedience to the law. In the Appendix W, page 157, will be found a list of the schools at which the Rota meetings are held, the names of the members of the Committee presiding thereat, and the times of meetings.

During the year there has been a change in the method of visiting the homes of children attending irregularly at school. What is known as the "Slip" system has been adopted. This is fully explained in a circular of instructions issued to principal teachers, which will be found in Appendix X, pages 158 to 160.

Exemptions from school attendance have been granted in all cases of proved necessity.

(25) Labour Certificate Examinations :— Labour Certificate Examinations

These have been held as required during the year, and have provided opportunities for children to pass the standards, qualifying for labour certificates.

(26) Flower Growing by Children :— Flower Growing by Children

The Committee have, as an experiment, adopted a scheme for supplying certain public elementary schools with plants, such as lobelia, stocks, asters, etc., for the children to grow in their own homes, and some 2,500 plants have been so supplied from the gardens at Swinton House. The sum of 1d. has been charged for each plant, and the children were invited to bring the same to the schools in September. For each satisfactory plant a card of merit will be awarded. In Appendix Y, page 161, will be found a list of schools and the number of plants supplied, together with the number of plants successfully reared.

The Committee propose next year to extend the experiment, and to supply plants of a more permanent character (perennials), such as fuchsias, geraniums, etc.

(27) Blind and Deaf Children :— Blind and Deaf Children

The following return gives the number of children maintained by the Committee in Residential Institutions for the Blind and Deaf at September 29th, 1906 :—

Blind and Deaf Children.

INSTITUTION	BLIND			DEAF		
	Boys	Girls	Total	Boys	Girls	Total
Henshaw's Blind Asylum	7	7	14	...	...	...
Fulwood Home for the Blind	5	4	9	...	...	...
Catholic Institute for the Blind, Liverpool	2	6	8	...	...	...
Hardman Street, Liverpool.....	1	...	1	...	...	...
Blind Children's Home, Liverpool	...	1	1	...	...	...
Royal Cross Schools, Preston	...	...	...	2	...	2
Jews' Deaf School, Wandsworth	...	...	...	2	...	2
Old Trafford Schools for the Deaf	...	...	...	21	18	39
Boston Spa—St. John's Institution	...	...	...	5	4	9
Oxford Street, Liverpool.....	...	...	...	1	...	1
	15	18	33	31	22	53

Owing to the difficulty of obtaining places for certain blind children in residential schools, the Committee have been obliged to open a day class at Shakespeare Street, Chorlton-upon-Medlock. The work was commenced on the 21st August last. There are in attendance 15 boys and 2 girls, making a total of 17. A number of these are Salford children, and a pro rata basis of payment has been arranged with the Salford Education Committee, to be applied when the classes have been sufficiently long in operation for their cost to be accurately gauged.

Defective and Epileptic Children

(28) Defective and Epileptic Children :—

The three special day schools for defective children have been fully attended during the year, and a scheme has been adopted for the provision of an additional school to serve the needs of Bradford and East Manchester.

A number of children have also been sent to the Sandlebridge Residential Schools under an arrangement with the Society maintaining the Institution.

The limit of certified accommodation (42) at the David Lewis Colony Epileptic School having been reached, the Committee have adopted a plan for the provision of an additional house.

Crippled Children

(29) Crippled Children :—

The work undertaken by the Committee in the provision for crippled children at Swinton House has been most successful, and the premises, with eight acres of land, have been purchased by the City Council for the purpose of a permanent institution for dealing with the education and training of crippled children.

With the consent of the Board of Education, the certified accommodation has been increased from 30 to 65 beds. This has been effected by an adaptation of the upper floor of the main building.

Dr. Ashby's report, which will be found in Appendix Z, pages 162 to 167, deals at length with the work of the three day schools for defective children, and with the residential schools for epileptic and crippled children.

Facilities have been afforded to the Royal Commission on the Feeble-minded for obtaining full information regarding afflicted children in the Manchester area.

(30) Return of Number of Children in Special Schools :—

Return of Number of Children in Special Schools

The following is a return of Manchester children in schools conducted under the Elementary Education (Defective and Epileptic Children) Act, 1899 :—

Special School	Boys	Girls	Total	Boys	Girls	Total
Mentally Defective Children :—						
Embden Street Municipal Day	58	35	93			
Hague Street Municipal Day.....	60	22	82			
Harpurhey Hall Municipal Day	37	19	56			
Sandlebridge, Residential	18	19	37			
				173	95	268
Epileptic Children :—						
Manchester David Lewis Epileptic Colony, Residential School	...	...	...	21	20	41
Crippled Children :—						
Manchester Swinton House, Residential	...	...	...	15	15	30
				209	130	339

III.—Industrial Schools.

(31) Committal of Children to Industrial Schools :—

Committal of Children to Industrial Schools

During the year all children brought before the Magistrates have been referred to the Committee, and have been promptly dealt with. It is satisfactory to note that there has been a distinct falling-off in the number of children committed to Residential Industrial Schools, but it should be explained that this arises solely through the diminution in the number of juvenile offenders, and not through any change of policy on the part of the Committee. The numbers in Residential Schools have fallen during the year from 479 to 452.

(32) Children Maintained in Industrial Schools :—

Children Maintained in Industrial Schools

The following is a return showing the number of children maintained in Industrial Schools at the cost of the Committee. The return includes the numbers in Mill Street Day Industrial School :—

Return showing the number of children maintained in Industrial Schools at the cost of the Committee :—

SCHOOLS	Number in Schools 30th September, 1906			Number in Schools 30th September, 1905		
	Boys	Girls	Total	Boys	Girls	Total
Ardwick Green	48	...	48	42	...	42
Barnes Home	65	...	65	71	...	71
"Clio," Bangor	14	...	14	22	...	22
Elm House, Fulham	...	1	1	...	...	...
Hayes	3	...	3	...	...	...
Lowther Street, York	...	16	16	...	10	10
National Nautical School, Bristol ...	3	...	3	4	...	4
Princess Mary Village Homes, Addlestone	...	22	22	...	23	23
St. Joseph's, Longsight	161	...	161	180	...	180
St. Joseph's, Victoria Park		94	94	...	102	102
Sale		14	14	...	12	12
Thorparch, Leeds...	...	11	11	...	13	13
Totals...	294	158	452	319	160	479

Summary.

DENOMINATION	Number in Schools 30th September, 1906			Number in Schools 30th September, 1905		
	Boys	Girls	Total	Boys	Girls	Total
Protestants	133	64	197	139	58	197
Roman Catholics...	161	94	255	180	102	282
Totals	294	158	452	319	160	479

Mill Street Day Industrial School.

DENOMINATION	Number in Schools 6th October, 1906			Number in Schools 7th October, 1905		
	Boys	Girls	Total	Boys	Girls	Total
Protestants	70	35	105	77	31	108
Roman Catholics	93	29	122	79	27	106
Totals	163	64	227	156	58	214

The arrangements with the Managers of various Industrial Schools contracting to take Manchester children have continued to work efficiently and it is satisfactory to note from the Reports of the Committee's Officers, and also from the Reports of H.M. Inspector, that the high character of these schools has been fully maintained. The Industrial Schools taking Manchester children are from time to time visited and reported upon by the officers of the Committee.

(33) Mill Street Day Industrial School :— Mill Street Day Industrial School

This school is the property of the Committee, and is maintained by Managers duly appointed. H.M. Inspector continues to report in very high terms of the Institution both in regard to the day school and the industrial occupations. During the summer the whole school was removed to Mobberley, where the children benefited by their three weeks' holiday. As shown in the foregoing table, there are now 227 children in this school, as against 214 last year. In connection with the annual transfer of the school to country quarters, it has been decided by the Committee to raise from voluntary sources a sum of £100 to provide the children with clothing whilst resident in camp. The Committee have no legal power to apply the rates to this purpose.

IV.—Sites and School Buildings.

(34) School Sites :— School Sites

During the year the Committee have completed the purchase of sites upon which to extend the school accommodation at Abbott Street, Rochdale Road : Collyhurst (to replace the present temporary school), Withington (to improve Cavendish Road School), and at Clayton to meet the needs of the district.

Negotiations are about to be concluded for the purchase of other sites as follows :—

Annan Terrace, Ardwick ..	To extend the existing accommodation at Devonshire Street School.
Claremont Road, Moss Side ..	To meet the existing deficiency of school accommodation.
Gibbon Street, Beswick ..	To replace St. Mary's School, and to relieve Birley Street School.
Lower Moss Lane, Hulme ..	To replace St. Michael's School.
Atherton Street, Deansgate ..	To replace schools in the Deansgate district which have been condemned by the Board of Education.

School Buildings

(35) School Buildings :—

New permanent Municipal Schools have been opened during the year as follows :—

School	Accommodation
Withington, Cavendish Road	498
Chorlton-upon-Medlock, Plymouth Grove	840
Harpurhey, Alfred Street	1100
Total	2438

At each of these schools there is provision for teaching woodwork and cookery.

New permanent Municipal Schools are in course of erection at Seymour Road, Clayton, and at Mansfield Street, C.-on-M. The Memorial Stone of the last-named was laid by the Right Hon. J. Herbert Thewlis, Lord Mayor, on Saturday the 6th October, 1906.

Alterations and Extensions

(36) Alterations and Extensions :—

Certain alterations and extensions required by the Board of Education for the purpose of extending the accommodation have been completed at the following schools :—Chester Street, Ardwick ; Nelson Street, Miles Platting ; Mulberry Street, Hulme ; and Embden Street, Hulme.

The Board of Education have also required certain alterations, etc., at Lloyd Street, Hulme ; Birley Street, Beswick ; and Johnson Street, Bradford. These are now in progress.

(37) Approval of Plans :— Approval of Plans

The Committee have approved plans for the extension of accommodation at Southall Street School, Cheetham, by the provision of a new Infant School, etc. In the district of Bradford, special school accommodation (for defective children) is to be provided at Grange Street, and plans have also been approved for a reorganisation of the existing Elementary School. A new school for boys and girls will be built, and there will be a rearrangement of the Infant Department. Plans have also been adopted for improving the accommodation at Bank Meadow and for providing additional accommodation at Ducie Avenue.

The Committee's plans for the provision of permanent school accommodation as follows have been approved by the Board of Education :—

School		Children
Blackley—Domett Street	to accommodate	710
Bradford—Grange Street (Special)	,,	80
Chorlton-on-Medlock—Devonshire Street	,,	1214
Chorlton-cum-Hardy—Oswald Road....	,,	520
Didsbury—Beaver Road	,,	550
Hulme—City Road.....	,,	1220
Total..		4294

These schools will be supplied with provision for teaching woodwork and cookery. At Beaver Road there is in addition a special classroom to be used for the teaching of science. This room will accommodate 60 children.

The Committee have also adopted plans for replacing the one-story building in Devonshire Street, Ardwick, by a new Infant School accommodating 300, to be built upon land purchased in Tiverton Street. The two-story building in Hyde Road will be extended, and used solely for the instruction of junior mixed children.

The Municipal Schools in Abbott Street, Rochdale Road, at Bank Meadow, Ardwick, and the Lancasterian, Rochdale Road, are about to be improved and extended.

The extension at Nelson Street, Miles Platting, was rendered necessary in order to make provision for children affected by the closing of the neighbouring Elm Street Wesleyan School.

Provision of Temporary Schools

(38) Provision of Temporary Schools :—

The following temporary schools have been provided during the year, with the approval of the Board of Education :—

School		Children
Collyhurst—Collyhurst Road	to accommodate	620
Chorlton-cum-Hardy—Oswald Road.....	,,	400
Clayton—Ravensbury Street	,,	400
Didsbury—Beaver Road	,,	416
Total..		1836

The already existing temporary accommodation at Nansen Street, (Ardwick), Manley Park (Withington), and Monmouth Street (Rusholme), has been extended to meet additional requirements.

Oversight of Buildings

(39) Oversight of Buildings :—

The oversight of buildings in course of erection by the Committee is under the care of four Clerks of Works, and the buildings have frequently been visited by the Special (Sites, etc.) Sub-Committee.

Furnishing of Schools

(40) Furnishing of Schools :—

The Committee have taken note of the decision of the Board of Education in regard to their non-liability for the furnishing of new Non-Provided Schools.

Repairs, etc.

(41) Repairs, etc. :—

The periodical painting, etc., of the schools, both Provided and Non-Provided, has been carefully attended to.

The repairs, etc., of the schools are in charge of two Clerks of Works, and it is the constant aim of the Committee to ensure healthy sanitation and to safeguard the health of both children and teachers.

Finance.

Receipts and Expenditure

Receipts and Expenditure :—

Statements of Receipts and Payments on account of Higher and Elementary Education for both Revenue and Capital Accounts made up to the 31st March, 1906, are appended. These have been audited by the Government Auditor and the Professional Auditors of the Corporation.—See Appendix A[1]., pages 166 to 173.

Loans :—

During the year under review the following Loans have been sanctioned for Public Elementary Schools :— Loans

Loans.

Date of Sanction	Amount of Loan	Purpose for which Loan is Sanctioned
1905.	£	
October 17th	500	Additional Site in connection with the Cavendish Road Municipal School, West Didsbury.
November 13th	4,550	Site for a Public Elementary School in Devonshire Street, Chorlton-upon-Medlock.
December 13th	1,080	Site for a Public Elementary School in Ravensbury Street, Clayton.
1906.		
February 15th	4,150	Site for a Public Elementary School in Collyhurst Road, Collyhurst.
March 13th	13,000	Provision of a Public Elementary School in Mansfield Street, Chorlton-upon-Medlock.
March 14th	3,000	Provision of a Temporary Public Elementary School in Collyhurst Road, Collyhurst.
March 14th	2,000	Provision of a Temporary School in Bank Meadow, Ardwick.
March 14th	850	Enlargement of the Monmouth Street Temporary Municipal School, Rusholme.
March 23rd	6,050	Purchase of Swinton House, and Site, as a School for Crippled Children.
March 29th	1,350	Provision of Laundry and Cookery Rooms at the Birley Street Municipal School, Beswick.
April 24th	1,800	Provision of a Temporary Public Elementary School in Oswald Road, Chorlton-cum-Hardy.
June 4th	1,800	Provision of a Temporary Public Elementary School in Ravensbury Street, Clayton.
Total £	40,130	

James Hoy,

Chairman.

15th October, 1906.

APPENDICES.

APPENDICES.

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APPENDIX A.

The Municipal School of Technology, 1905–1906.

Occupations of Students.

Engineering Trades	1148
Students in the Technical Day Departments	635
Clerks, Warehousemen, etc.	557
Electrical Trades	446
Schoolmasters and Teachers	309
Building Trades	302
Warehouse Employés	263
Chemical, Bleaching, Dyeing, and Printing Trades	239
Printing and Paper Trades	208
Plumbing Trades	160
Textile Trades	122
Telegraphists	110
Architects	106
No occupation stated (Men)	94
No occupation stated (mostly Women Students in Dress-making and Millinery)	93
Railway Employés	84
Surveyors	75
Bakers and Confectioners	70
Painters and Decorators	66
Rail and Road Carriage Building Trades	64
Tramway Employés	63
Pattern Makers	55
Gas Engineers	51
Clothing and Drapery Trades	50
Sundry Trades and Professions	46
Metal Plate Workers	42
Mine Engineers	42
Civil Engineers	38
Students and Scholars at other Schools	37

APPENDIX A—continued.

The Municipal School of Technology, 1905–1906.

Occupations of Students—continued.

Litho Artists	33
Watch and Clock Makers	29
Cabinet Makers	29
Photographers	27
Bookbinders	26
Commercial Travellers	22
Sorting Clerks (G.P.O.)	22
Sanitary Inspectors	21
Motor Car Builders	20
Hairdressers	18
Wood Engravers	16
Shoeing Smiths	16
Brewers	13
Opticians	12
Shop Assistants	12
Designing, etc.	10
Nurses	10
Paper Manufacturing Trades	10
Farmers	7
Upholsterers	2
Carters	1
Packers	1
Total	5,932

Ages of Students.

Age	13 and under	14	15	16	17	18	19	20	21	22	23
Number	8	57	160	425	538	591	616	555	459	381	326

Age	24	25	26	27	28	29	30 and over	Not stated	Total
Number	248	205	181	146	136	102	672	126	5,932

Total under 18—1,188. Total 18 and over—4,744.

APPENDIX A—continued.

The Municipal School of Art, 1905–1906.

Occupations of Students.

Architects	14	Illuminator	1
Architects' Pupils, etc.	62	Joiners	5
Art Students	290	Labourers	2
Art Pupil Teachers	2	Librarian	1
Artists, Litho and Scenic	38	Stonemasons	14
Bookbinder	1	Manager	1
Butcher	1	Minister	1
Carvers (Wood)	3	Modeller	1
Cabinet Makers	9	Nurse	1
Clerks	44	Pattern Makers	4
Coach Painter	1	Pattern Card Maker	1
Decorators (House)	16	Photographers	9
Designers (Calico Printing)	34	Plasterers	4
Designers (Cabinet Making)	7	Porter	1
Designers (Jacquard)	2	Printers	7
Designer (Carpet)	1	Salesmen	5
Designer (Costumes)	1	Scholars	7
Designers (Stained Glass)	10	Sign Writers	5
Designers (Stamp Making)	4	Surgeons	2
Designers (Wall Papers)	2	Tailors	2
Drapers	2	Teachers	227
Draughtsmen (Engineers')	3	Travellers	3
Draughtsman (Iron Worker)	1	Upholsterers	2
Draughtsman (Tile Maker)	1	Violinist	1
Engravers	8	Warehousemen	5
Embroideresses	3		
Engineers	9	Total	883
Etcher	1		
Governess	1		

APPENDIX A—continued

The Municipal School of Art, 1905–1906.

Ages of Students.

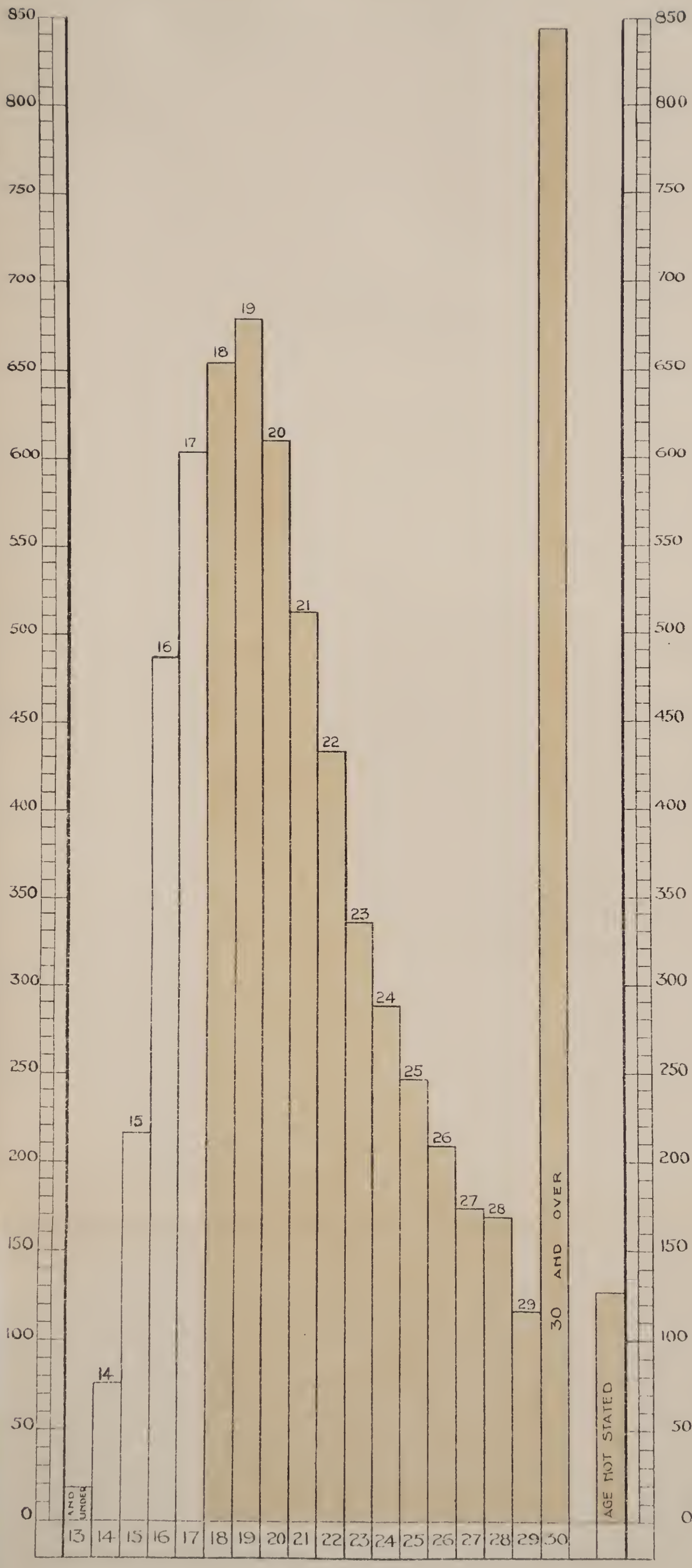
Age	13 and under	14	15	16	17	18
Number	10	18	56	61	64	64
Age	19	20	21	22	23	24
Number	62	55	52	50	37	40
Age	25	26	27	28	29	30 and over
Number	41	28	27	33	14	171

Total number under 18	209
Total number 18 and over.....	674
Total.....	883

APPENDIX A.

MUNICIPAL SCHOOL OF TECHNOLOGY
AND
MUNICIPAL SCHOOL OF ART.

Diagram showing the Number of Individual Students of given Ages for the Session 1905-6



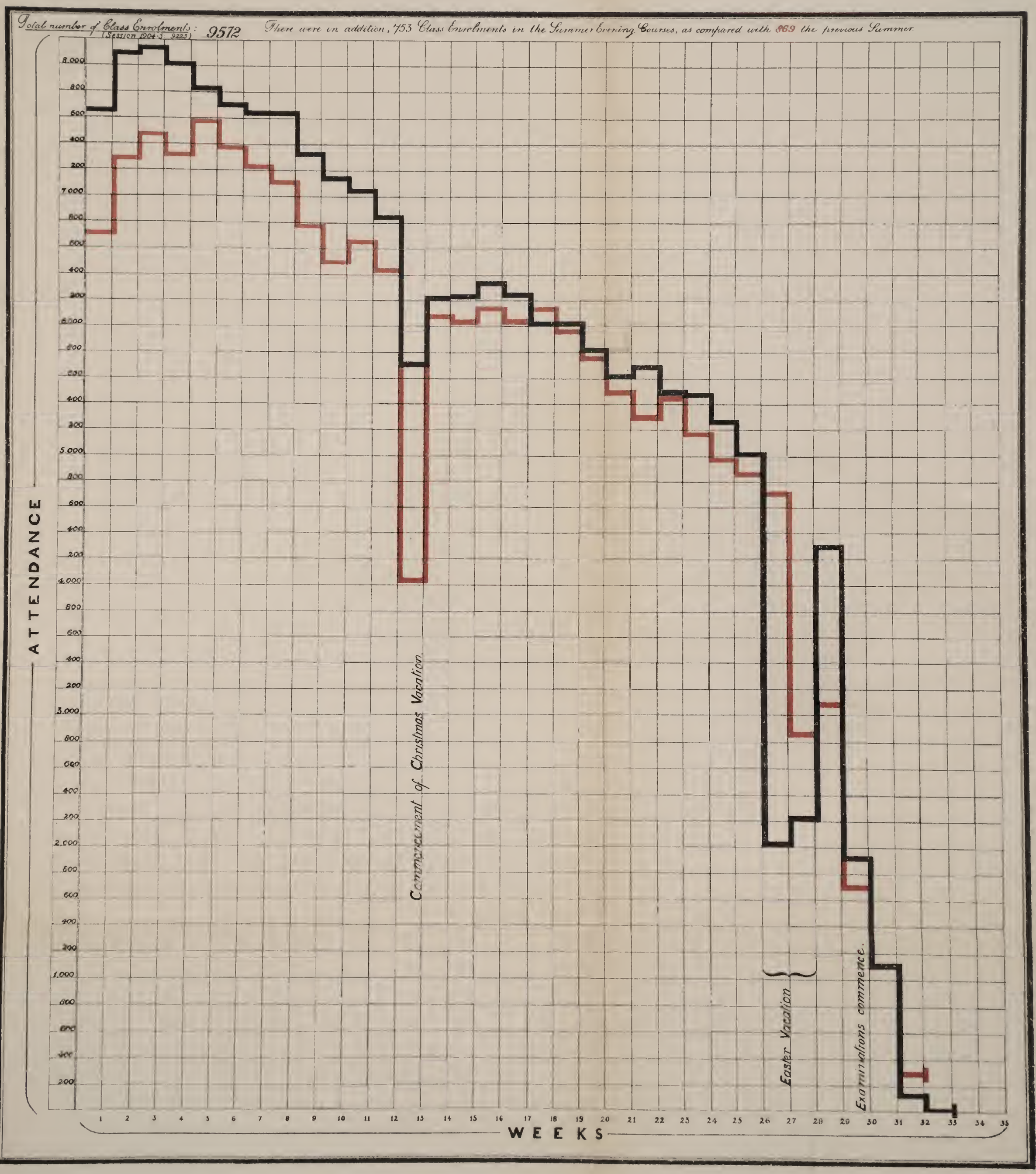
Number of Individual Students under 18 y'rs. of age ... 1397
" " " " 18 y'rs of age and over . 5418
6815

The proportion of Students 18 years and over (see tinted columns) to students under 18 y'rs of age (see untinted columns) is approximately as 4 is to 1.

MUNICIPAL SCHOOL OF TECHNOLOGY

ATTENDANCE DIAGRAM OF THE EVENING CLASSES

WINTER SESSIONS : 1905-6, 1904-5.



The total possible volume of work of the Evening Departments of the School may be computed in Student hours, that is, by multiplying the number of Students enrolled by the total number of hours of instruction given during the School session. The total volume of work for the session 1905-6, including the Summer term, is by this computation 419,208 Student hours, whilst the actual volume of work, namely, the hours of actual instruction multiplied by the Students in attendance is 293,203 Student hours, or 70% of the possible volume of work.

In calculating the possible Student hours, every Student who has entered a class is included, even though he may have made only one attendance.



APPENDIX B.

STATEMENT of the Places of Residence of Day and Evening Students attending the Municipal School of Technology and the Municipal School of Art during the Session 1905–1906.

	School of Technology	School of Art		School of Technology	School of Art
Accrington	5	...	Fairfield	7	...
Alderley Edge	5	...	Farnworth	10	...
Altrincham and Bowdon	60	15	Flixton	27	3
Ashton-upon-Mersey	34	2	Frodsham	2	...
Ashton-under-Lyne	70	3	Gatley	2	...
Atherton	9	3	Glossop	9	...
Audenshaw	8	4	Gloucester	2	...
Bacup	3	1	Gorton	118	5
Blackburn	7	...	Hadfield	2	2
Blackpool	7	...	Hale	26	4
Bramhall	8	2	Handforth	3	1
Bolton	69	4	Haslingden	5	2
Boothstown	4	...	Hazel Grove	7	...
Bredbury	2	...	Heaton Chapel	31	...
Broadbottom	2	...	Heaton Mersey	16	4
Broadheath	4	...	Heaton Norris	42	12
Bucklow	...	2	Heaton Park	6	...
Burnley	5	...	Hebden Bridge	2	...
Burslem	2	...	Heywood	21	...
Bury	36	4	Hindley	2	...
Buxton	7	3	Hollingworth	2	...
Cheadle	6	8	Holmes Chapel	2	...
Cheadle Hulme	16	2	Hooley Hill	8	...
Chedderton	2	...	Horwich	5	...
Chester	2	...	Huddersfield	2	...
Chorley	2	...	Hyde	53	3
Clifton	2	...	Irlam	3	1
Colne	5	...	Kearsley	4	...
Compstall	6	...	Knutsford	3	3
Cornholme	2	...	Leigh	26	2
Crewe	16	...	Levenshulme	102	13
Crompton	...	2	Littleborough	9	...
Darwen	5	2	Little Hulton	2	...
Davenport	3	...	Liverpool	6	...
Denton	22	4	London	6	...
Droylsden	53	5	Lymm	8	...
Dukinfield	26	...	Lytham	6	...
Earlestown	6	...	Macclesfield	33	2
Eccles and Patricroft	79	10	Marple	22	4
Failsworth	68	...			

[continued over

APPENDIX B—continued.

	School of Technology	School of Art
Middleton	52	3
Mobberley	2	...
Mossley	4	...
Nelson	2	...
New Mills	5	...
Newton-le-Willows	4	...
Northenden	12	...
Northwich	5	3
Oldham and Hollinwood	102	4
Poynton	2	...
Preston	2	...
Prestwich	40	10
Radcliffe	22	2
Ramsbottom	7	...
Rawtenstall	6	2
Reddish	20	...
Rhodes	9	...
Rochdale	50	4
Romiley	11	1
Rossendale	2	...
Royton	3	2
Runcorn	2	...
Saddleworth	2	2
Sale and Brooklands	73	13
Salford	337	76
Southport	18	...
Stalybridge	19	2
Stockport	105	15
Stoke-on-Trent	2	...
Stretford	182	57
Strines	3	...
St. Helens	2	...
Swinton and Pendlebury	66	2
Timperley	13	3
Todmorden	5	1
Tottington	3	...
Turton	2	...
Tyldesley	4	1
Urmston	91	33
Walkden	14	...
Warrington	28	2
Waterfoot	2	...
Whaley Bridge	4	2
Whitefield	33	1
Wigan	10	3
Wilmslow	17	6
Woodley	4	...
Worsley	8	3
Ashton-in-Makerfield, Audlem, Bollington, Cadishead, Congleton, Elton, Godley, Guide Bridge, Hanley, Hayfield, Little Lever, Mellor, Mottram-in-Longdendale, Nantwich, Nottingham, Prestbury, Rishton, Sandbach, Shuttleworth, Tarporley, Whitchurch, Widnes, Woking, Workington (1 each)	24	...
Cadishead, Matlock, Mottram, Newton-in-Makerfield, Latchford, Orrell, Waterloo (1 each)	...	7
Students in Out-Districts	2745	397
Students in Manchester	3187	486
Totals	5932	883

NOTE.—Included in the above are Students from the following countries:—Australia 4, Belgium 2, Bohemia 1, Brazil 3, Canada 1, China 5, Denmark 2, Finland 2, Germany 5, Holland 1, Hungary 1, India 10, Italy 3, Japan 2, New Zealand 1, Norway 1, Poland 1, Roumania 1, Russia 1, South Africa 3, Spain 2.

APPENDIX C.

Session 1905-1906.

RETURN showing the number of classes attended by Students of the Municipal School of Technology.

	Individual Students	Class Entries
Evening Departments:—		
No. of Students attending one class ...	2477	2477
two classes ...	1408	2816
three ,, ...	684	2052
four ,, ...	430	1720
five ,, ...	182	910
six ,, ...	77	462
seven ,, ...	19	133
eight ,, ...	14	112
nine ,, ...	3	27
ten ,, ...	1	10
eleven ,, ...	2	22
	5297	10741
Day Departments:—		
No. of Students taking regular and special Day courses	635	635
Totals.....	5932	11376

Notes.—Day Students are entered once only in the "class entries" column, although attending a number of classes.

The figures above include the enrolments at the Newton Heath and Openshaw Branches, which, however, are not comprised in the attendance diagram

APPENDIX D.

The Municipal School of Technology,

Results of Examinations in connection with the Board of Education May and June, 1906.

Science.

Subjects	Honours		Stage 3		Stage 2		Stage 1		Fail	Total
	1st	2nd	1st	2nd	1st	2nd	1st	2nd		
P. P. & S. Geometry	1	1	1	1	8	9	...	2	3	26
Machine Construction & Drawing	...	...	...	4	25	44	3	3	29	108
Building do. do.	...	...	5	13	8	31	19	16	37	129
Mathematics—Stage 1	...	...	...	...	...	...	3	3	2	8
Do. ,, 2	...	...	...	...	...	1	...	...	..	1
Do. ,, 3	...	...	...	4	...	...	...	...	2	6
Do. Honours. Div. I.	...	1	...	...	...	...	...	...	...	1
Do. Stages 5 & Hon. Div. II.	1	7	...	...	...	...	...	...	4	12
Do. Practical	...	...	...	3	27	48	6	...	51	135
Theoretical Mechanics—Solids	...	...	...	...	...	5	...	1	4	10
Do. Fluids	1	...	...	...	...	4	...	...	...	5
Applied Mechanics	...	1	...	4	7	39	7	2	25	85
Sound, Light, and Heat	...	...	...	...	...	...	1	...	...	1
Sound—Adv. and Hon.	...	1	...	...	...	5	...	...	2	8
Light—Adv. and Hon.	...	...	1	...	1	4	...	...	2	8
Heat—Adv. and Hon.	...	...	...	1	...	5	...	...	3	9
Magnetism and Electricity	...	...	1	4	7	3	21	15	9	60
Inorganic Chemistry	...	...	1	4	5	26	3	1	28	68
Do. Practical	...	...	1	3	15	15	...	...	24	58
Organic Chemistry	...	...	...	3	2	7	...	...	8	20
Do. Practical	...	...	1	2	1	8	...	...	1	13
Physiology	...	...	...	...	3	4	1	...	1	9
Botany	...	...	...	...	1	2	6	9	5	23
Metallurgy	...	...	1	1	...	4	1	...	9	16
Do. Practical	...	...	2	1	6	6	...	...	6	21
Steam	...	...	1	1	7	12	2	1	10	34
Hygiene	...	...	2	1	11	9	3	7	5	38
Geology	...	2	2	...	4	5	...	...	1	14
Physiography	...	...	...	...	...	1	...	...	...	1
Mineralogy	...	...	...	...	1	2	...	...	...	3
Principles of Mining	...	...	...	1	...	2	...	...	...	3
Elementary Science of Common Life	...	...	...	...	...	...	5	8	3	16
	3	13	19	51	139	301	81	68	274	949

Individual students examined 703

Successes gained 675

One Whitworth Scholarship, value £125 per annum, tenable for three years.

Two King's Prizes, value £2 each.

APPENDIX D.

The Municipal School of Technology, and the Branches at Newton Heath and Openshaw.

Results of Examinations in connection with the Board of Education, May and June, 1905.

Science.

Subjects.	Honours		Stage 3		Stage 2		Stage 1		Fail	Total
	1st	2nd	1st	2nd	1st	2nd	1st	2nd		
P. P. and S. Geometry	...	...	1	3	4	13	5	2	11	39
Machine Construction & Drawing	...	...	1	4	9	44	15	6	40	119
Building do. do.	...	1	1	17	7	31	7	3	27	94
Mathematics—Stage 1	...	...	...	...	...	...	1	1	1	3
Do. ,, 2	...	...	...	...	1	1	...	...	1	3
Do. ,, 3	...	...	2	10	...	...	...	...	5	17
Do. Honours	...	2	...	...	...	...	...	...	...	2
Do. Stages 5, 6, & 7..	2	6	...	...	...	...	...	...	3	11
Do. Practical	...	...	2	10	8	34	4	2	75	135
Theoretical Mechanics—Solids..	...	...	...	2	1	3	2	1	4	13
Do. Fluids..	...	...	1	...	...	2	...	...	3	6
Applied Mechanics	...	...	1	3	6	20	8	8	31	77
Sound, Light, and Heat	...	...	...	...	...	...	1	...	1	2
Sound—Adv. and Hon.	...	1	...	1	4	3	...	...	1	10
Light—Adv. and Hon.	...	...	...	1	...	8	...	...	2	11
Heat—Adv. and Hon.	...	...	...	...	4	10	...	...	7	21
Magnetism and Electricity	...	...	...	5	8	11	10	16	22	72
Inorganic Chemistry	...	...	1	7	5	28	2	5	30	78
Do. Practical..	...	..	1	8	10	15	2	2	26	64
Organic Chemistry	...	...	...	1	...	8	...	...	13	22
Do. Practical..	...	...	3	1	6	9	...	...	7	26
Physiology	...	...	...	...	2	9	4	5	4	24
Botany	...	...	...	...	...	6	...	13	15	34
Metallurgy	...	...	3	6	4	3	...	...	7	23
Do. Practical	...	...	2	1	1	2	...	...	13	19
Steam	1	...	...	3	10	20	1	1	9	45
Hygiene	...	...	...	3	4	14	8	11	9	49
Geology	...	1	..	3	1	4	...	...	3	12
Physiography	...	...	...	...	1	1	1	1	...	4
Mineralogy	...	...	1	2	1	3	...	...	...	7
Elementary Science of Common Life	...	...	...	...	...	...	10	8	5	23
	3	11	20	91	97	302	81	85	375	1065

Individual students examined 656

Successes gained 690

APPENDIX D—continued.

Municipal School of Technology.

Results of School Elementary Science and Special Class Examinations, May, 1906.

Subject	First Class	Second Class	Fail	Total
Geometrical Drawing	7	7	3	17
P. P. and S. Geometry (for Engineers)	18	8	37	63
Do. do. (for Builders)	4	7	4	15
Machine Drawing	42	66	33	141
Building Construction	13	10	9	32
Mathematics (Practical)	13	45	45	103
Do. do. 4th Year	1	...	...	1
Applied Mechanics	45	60	18	123
Do. do. (for Textile Dept. Students)	2	...	2	4
Physics, Elementary (Theoretical and Practical)	7	8	1	16
Do. Intermediate do.	5	5	1	11
Do. Advanced do.	5	5	2	12
Magnetism and Electricity	14	31	20	65
Do. (Practical)	9	33	20	62
Introduction to Chemistry	...	4	2	6
Inorganic Chemistry	28	27	14	69
Do. Stage 2	8	13	7	28
Do. (Practical)	21	21	20	62
Do. do. Stage 2	12	14	7	33
Organic Chemistry	3	18	14	35
Do. (Practical)	16	14	4	34
Electro Chemistry	4	2	...	6
Botany	2	1	...	3
Metallurgy	1	2	...	3
Do. (Practical)	4	1	..	5
Steam	24	19	6	49
Hygiene	...	1	4	5
Human Physiology	...	2	...	2
Surveying, Part 1	13	16	...	29
Do. Part 2	5	6	1	12
Ironfounding	7	3	...	10
Coal Mining	5	10	5	20
Graphic Statics for Engineers	6	11	6	23
Do. for Builders	4	6	6	16
Staircasing and Handrailing	4	8	2	14
Textile Fabrics	6	14	3	23
Cotton and Cotton Yarns	2	9	...	11
Horseshoeing	4	6	1	11
Applied Optics Elem. (Theoretical and Practical)	5	4	2	11
Do. do. Advanced do. do.	2	3	...	5
Practical Mathematics, for Surveyors	1	3	6	10
Plumbers' Work (Prelim.)	3	9	8	20
Do. (Practical, Part 1)	9	11	1	21
Do. (do. 2)	5	8	6	19
Elements of Architecture	...	3	...	3
Electrical Engineering :—				
2nd Year, Practical	34	12	8	54
Do. Calculations	17	12	15	44
3rd Year, Practical	15	22	1	38
Do. Lectures, and Calculations	22	77	27	126
4th Year, Practical	8	5	3	16
Do. Lectures	9	16	8	33
5th Year, Lectures	5	5	...	10
Municipal Engineering :—				
Road Bridge Construction	6	5	1	12
Building Surveying	9	2	2	13
Construction of Roads and Footpaths	2	6	5	13
Artizans' Dwellings and Public Baths	1	4	7	12
Sewage and Sewage Disposal	...	9	4	13
	517	729	401	1647

MUNICIPAL SCHOOL OF TECHNOLOGY.

Results of School Elementary Science and Special Class Examinations, May, 1905.

Subject	First Class	Second Class	Fail	Total
Geometrical Drawing	6	10	9	25
P. P. and S. Geometry	16	35	24	75
Machine Drawing	57	66	81	204
Building Construction	16	36	21	73
Mathematics (Practical)	50	75	20	145
Applied Mechanics	31	42	49	122
Physics, Elementary (Theoretical and Practical)	6	7	2	15
Do. Intermediate Do.	1	4	2	7
Do. Advanced Do.	4	5	...	9
Magnetism and Electricity	11	34	15	60
Do. (Practical)	21	28	12	61
Inorganic Chemistry	26	30	22	78
Do. Stage 2	5	5	4	14
Do. (Practical)	27	34	18	79
Do. Do. Stage 2	5	6	5	16
Organic Chemistry	4	13	4	21
Do. (Practical)	16	2	1	19
Geology	No examination			
Botany	Do.			
Metallurgy	5	4	...	9
Do. (Practical)	5	3	...	8
Steam	29	21	16	66
Hygiene	No examination			
Experimental Hygiene	Do.			
Surveying, Part 1	10	19	2	31
Do. Part 2	6	8	...	14
Ironfounding	3	1	1	5
Graphic Statics for Engineers	8	9	1	18
Do. for Builders	11	7	2	20
Textile Fabrics	3	17	7	27
Staircasing	4	7	...	11
Microscopical Research	5	1	...	6
Horseshoeing	1	11	1	13
Optical Testing (Theoretical and Practical)	6	7	2	15
Mathematics, for Surveyors	21	5	...	26
Plumbers' Work (Prelim.)	7	4	11	22
Do. (Practical, Part 1)	5	6	2	13
Do. (Do. 2)	4	8	4	16
Elements of Architecture	1	7	1	9
Electrical Engineering :—				
2nd Year, Practical	36	28	6	70
Do. Calculations	26	25	18	69
3rd Year, Practical	13	23	10	46
Do. Calculations	10	13	11	34
Do. Alternating Currents	6	9	3	18
4th Year, Practical	7	7	1	15
Do. Alternating Current Machines	4	...	...	4
Do. Design Do.	2	...	...	2
5th Year, Practical	2	...	...	2
Municipal Engineering :—				
Bridge Construction	1	3	4	8
Building Surveying	3	2	3	8
Construction of Roads, Artizans' Dwellings, and Sewage Disposal	7	14	12	33
	553	701	407	1661

APPENDIX D—continued.

The Municipal School of Technology.

Results of Examinations in connection with the City and Guilds of London Institute, May, 1906.

Technology.

Subjects	Hon. 1st	Hon. 2nd	Ord. 1st	Ord. 2nd	Pass	Fail	Total	Awards
Brewing	1	2	2	3	..	6	14	1 silver medal, 1 bronze medal and £2 in prizes
Coal Tar Produets	..	.	1	3	..	3	7	1 bronze medal and prize of £1
Oils and Fats	3	1	..	2	..	..	6	1 silver medal and prize of £2.
Gas Manufacture	2	4	7	10	..	13	36	
Iron and Steel—Part I.	..	..	..	..	6	3	9	
Do. Part II.	1	..	2	3	..	3	9	1 bronze medal and prize of £1.
Paper Manufacture	..	1	3	1	..	8	13	1 silver medal and prize of £1.
Cotton and Linen Bleaehing	4	5	8	18	..	15	50	1 silver medal, 1 bronze medal, and £2 in prizes.
Cotton Dyeing	6	3	10	11	..	22	52	1 bronze medal.
Calieo and Linen Printing	1	3	1	4	..	3	12	1 silver medal and prize of £2.
Cotton Spinning—1st year	..	..	19	11	..	13	43	
Do. 2nd year & Hon. "A"	4	5	6	11	..	15	41	
Do. Honours "B"	1	4	..	..	..	3	8	
Do. 1st year, Openshaw	..	..	1	..	..	..	1	
Do. 2nd year, Openshaw	..	..	..	..	..	..	..	
Cotton Weaving—1st year	..	..	14	24	..	46	84	
Do. 2nd year & Hon. "A"	4	7	9	8	..	19	47	2 silver medals, 2 bronze medals, & £12 in prizes
Do. Honours "B"	9	6	..	..	..	1	16	
Telegraphy and Telephony	2	7	11	18	..	39	77	
Eleetric Light and Power Dist. Prel.	..	..	..	..	39	33	72	
Do. Ord. and Hon.	..	5	5	32	..	54	96	
Do. Praetical Wiring	..	..	..	2	..	5	7	
Metal Plate Work	..	2	..	9	..	9	20	
Plumbers' Work, Preliminary	..	..	..	..	30	47	77	
Do. Ord. and Hon.	9	14	..	..	4	42	69	1 bronze medal and prize of £2.
Do. Praetieal, Ord. & Hon.	4	8	..	..	4	13	29	
Meehanical Engineering—Part 1.	..	..	..	..	26	11	37	
Do. Part II & H.	..	2	10	13	..	16	41	
Road Carriage Building	..	1	..	2	..	11	14	
Rail Carriage Building (Openshaw).	..	..	3	2	..	7	12	
Rail Carr. Building, Newton Heath	..	..	..	2	..	7	9	1 silver medal and prize of £2.
Typography—Preliminary	..	..	..	..	25	9	34	
Do. Ord. and Hon.	1	5	15	6	..	11	38	
Lithography	1	3	1	5	8	2	20	
Carpentry and Joinery—Prel.	..	..	..	..	16	39	55	
Do. Ord. & Hon.	..	4	7	17	..	65	93	
Briekwork—Ord. and Hon.	..	6	5	35	..	55	101	
Masonry—Ord. and Hon.	..	2	13	25	..	26	66	
Painters and Deeorators' Work	1	3	4	6	3	12	29	1 bronze medal and prize of £1.
Cabinet Making	..	4	3	3	..	7	17	1 bronze medal.
Dressmaking—Written & Praetieal	..	..	30	13	..	3	46	1 silver medal, 1 bronze medal, and £6 in prizes
Millinery—Written and Praetieal	..	..	12	9	..	1	22	
Builders' Quantities	..	3	5	14	..	23	45	
Wheelwrights' Work	..	..	..	..	..	5	5	
Manual Training-Woodwork-1st yr.	..	..	..	..	6	10	16	
Do. do. Final	1	4	..	..	..	4	9	
Do. Metal Work—1st year	..	..	..	.	3	1	4	
Do. do. Final	1	2	..	..	..	..	3	
Watch and Cloek Making	..	..	3	2	..	1	6	
Electro-Metallurgy	1	..	2	3	6	2	14	2 silver medals and £5 in prizes.
Silk Weaving—1st year	..	..	1	..	..	..	1	
Do. Honours	1	..	..	..	..	..	1	
Linen Weaving—Ordinary 1st year.	..	..	..	..	..	1	1	
Do. do. 2nd year	..	..	..	1	..	..	1	
Bookbinding	1	3	7	6	..	3	20	
Needlework—Written & Praetieal.	..	..	6	2	..	..	8	
Confectionery	..	..	5	11	..	9	25	1 bronze medal.
Bread Making	4	5	3	4	..	15	31	1 bronze medal and prize of £1.
Woollen & Worsted Weaving-Div. II	..	..	..	2	..	..	2	
Silk Dyeing	..	1	..	1	..	1	3	
Silk Throw. & Spinning—Ord. 1st yr.	..	..	..	1	..	..	1	
Do. do. 2nd yr.	..	..	1	..	..	..	1	1 silver medal and prize of £2.
Sugar Manufaeture	..	..	1	1	..	1	3	1 silver medal, 1 bronze medal, and £2 in prizes
Plasterers' Work	..	..	1	..	..	..	1	
Wool Dyeing	..	..	1	..	..	..	1	
Pottery and Poreelain—Prelininary	..	..	..	..	1	..	1	
Motor Car Engineering	..	..	1	..	..	..	1	
Photography	..	..	8	2	..	1	11	1 silver medal and prize of £1.
Mine Surveying	..	..	..	..	..	1	1	
	63	125	247	358	177	775	1745	

Individual students examined	1355	Bronze medals	14
Successes gained	970	Prizes value £45,	
Silver medals	14		

APPENDIX D—continued.

The Municipal School of Technology.

Results of Examinations in connection with the City and Guilds of London Institute, May, 1905.

Technology.

Subjects	Hon. 1st	Hon. 2nd	Ord. 1st	Ord. 2nd	Pass	Fail	Total	Awards
Alkali Manufacture	..	..	..	1	..	2	3	
Brewing	2	3	4	3	..	6	18	1 bronze medal and prize of £1.
Coal Tar Products	..	..	1	1	..	3	5	1 bronze medal and prize of £1.
Oils and Fats	..	1	..	2	..	2	5	
Gas Manufacture	3	1	5	4	..	11	24	
Iron and Steel—Part I.	..	..	..	..	7	2	9	
Do. Part II.	4	1	5	2	..	2	14	1 bronze medal and prize of £3.
Paper Manufacture	..	1	..	2	..	3	6	
Cotton and Linen Bleaching	8	8	7	15	..	12	50	2 silver medals and £3 in prizes.
Cotton Dyeing	12	7	13	12	..	9	53	1 silver medal, 1 bronze medal, & £2 10s in prizes.
Calico and Linen Printing	4	1	7	3	..	4	19	1 silver medal, 1 bronze medal, & £3 in prizes.
Cotton Spinning—1st year	..	..	8	10	..	16	34	
Do. 2nd year & Hon.	7	7	6	12	..	10	42	1 silver medal, 1 bronze medal, and £4 in prizes.
Do. 1st year, Openshaw	..	..	1	2	..	..	3	
Do. 2nd year, Openshaw	..	..	1	2	..	1	4	
Cotton Weaving—1st year	..	..	14	21	..	32	67	
Do. 2nd year & Hon. "A"	3	..	11	22	..	10	46	2 silver medals, 2 bronze medals, & £9 in prizes.
Do. Honours "B"	5	3	..	..	..	1	9	
Telegraphy and Telephony	4	3	6	10	..	27	50	
Electric Light and Power Dist. Prel.	..	1	..	..	55	27	82	
Do. Ord. and Hon.	1	1	13	33	..	44	92	1 bronze medal and prize of £3.
Do. Practical Wiring	..	..	..	5	..	6	11	
Metal Plate Work	1	..	5	4	..	9	19	1 bronze medal and prize of £2.
Plumbers' Work, Preliminary	..	..	..	..	32	54	86	
Do. Ord. and Hon.	13	25	..	..	15	23	76	1 bronze medal and prize of £3.
Do. Practical, Ord. & Hon.	5	7	..	3	1	7	23	
Mechanical Engineering, Part I.	..	..	..	..	29	6	35	
Do. Part II & H.	..	..	17	11	..	8	36	2 silver medals and £4 in prizes.
Road Carriage Building	..	2	..	2	..	1	5	
Rail Carriage Building (Openshaw)	2	..	2	1	..	2	7	
Rail Carr. Building (Newton Heath)	5	..	3	2	..	7	17	1 silver medal and prize of £3.
Typography, Preliminary	..	..	..	..	19	7	26	
Do. Ord. & Hon.	6	3	18	3	..	8	38	
Lithography	..	1	5	5	3	7	21	1 bronze medal and prize of £1.
Carpentry and Joinery, Prel.	..	..	..	..	31	27	58	
Do. Ord. & Hon.	..	7	7	15	..	33	62	
Brickwork—Ord. and Hon.	2	7	6	24	..	66	105	
Masonry—Ord. and Hon.	..	1	18	14	..	30	63	1 bronze medal and prize of £2.
Painters' Work	2	3	7	2	8	13	35	1 silver medal, 2 bronze medals, & £8 in prizes.
Cabinet Making	..	..	1	6	..	4	11	
Dressmaking, Written & Practical	..	..	28	14	..	4	46	1 silver medal and prize of £3.
Millinery, Written & Practical	..	..	13	6	..	..	19	1 bronze medal and prize of £2.
Builders' Quantities	6	12	4	9	..	18	49	1 bronze medal.
Wheelwrights' Work	..	1	..	..	..	5	6	
Manual Training-Woodwork-1st yr.	..	..	..	..	14	..	14	
Do. do. Final	3	4	..	..	..	4	11	
Do. Metal Work—1st year	..	..	..	..	2	..	2	
Do. do. Final	1	..	..	..	..	..	1	
Watch and Clock Making	..	..	1	2	..	2	5	
Electro-Metallurgy	..	..	3	2	4	2	11	2 silver medals, 1 bronze medal, & £4 in prizes.
Silk Weaving—1st year	..	..	1	1	..	..	2	
Do. 2nd year	..	1	..	1	..	1	3	
Linen Weaving—Honours "B"	2	..	..	..	..	..	2	
Bookbinding	..	..	..	8	..	11	19	
Needlework—Written & Practical	..	..	10	1	..	..	11	1 silver medal and prize of £2.
Confectionery	..	..	..	1	..	..	1	
Bread Making	1	..	21	3	..	3	28	1 silver medal and prize of £2.
Woollen & Worsted Weaving-Div. II	..	..	2	..	..	..	2	
Leather Dyeing	..	1	..	..	..	..	1	
Boiler Makers' Work	1	..	..	..	..	..	1	
	103	112	274	302	220	592	1603	

Individual students examined	1265	Bronze medals	18
Successes gained	1611	Prizes value £65 10s.	
Silver medals	16		

APPENDIX D—continued.

The Municipal School of Art, including the Art Results of the Municipal School of Technology.

Results of Examinations in connection with the Board of Education, May and June, 1906.

Subject	Papers applied for	Total Sat	Males	Females	Excellent	1st Class	2nd Class	Fail	Certificates Gained
Light and Shade	114	110	68	42	...	14	48	48	62
Model Drawing	84	78	45	33	...	35	33	10	68
Freehand Drawing	67	66	48	18	...	27	31	8	58
Do. School of Technology	34	25	25	...	...	1	15	9	16
Perspective	41	39	25	14	...	8	24	7	32
Geometrical Drawing	45	40	24	16	...	16	14	10	30
Principles of Ornament	28	25	15	10	...	1	13	11	14
Design E	25	24	7	17	...	10	8	6	18
Do. A / Do. H	54	47	31	16	...	9	14	24	23
Do. School of Technology A	12	12	12	...	...	1	...	11	1
Anatomy	46	42	20	22	...	5	17	20	22
Drawing Life	47	44	32	12	2	4	5	33	11
Still Life	30	30	10	20	...	14	10	6	24
Drawing Antique	54	53	36	17	...	17	24	12	41
Memory Antique	16	10	7	3	...	6	2	2	8
Painting Ornament	26	25	17	8	...	6	16	3	22
Architecture	24	19	18	1	...	8	8	3	16
Do. School of Technology	19	11	11	...	...	5	2	4	7
Historic Ornament	50	33	28	5	...	4	17	12	21
Modelling Design A	17	15	11	4	...	2	4	9	6
Modelling Antique	17	15	8	7	...	1	1	13	2
Do. Life	14	14	8	6	...	4	2	8	6
Memory Plant Drawing	64	51	24	27	...	13	18	20	31
Memory Drawing of Common Objects	18	14	8	6	...	2	9	3	11
Architectural Design	3	2	2	...	...	...	2	...	2
Blackboard Drawing	11	11	1	10	...	7	4	...	11
	960	855	541	314	2	220	341	292	563

Individual Students examined :—
- School of Art 292
- School of Technology 41

Certificates gained :—
- School of Art... 539
- School of Technology 24

No. of works examined :—
- School of Art 534

Silver Medals 2
Bronze Medals 7
National Book Prizes 15
King's Prizes (value £2)..... 6
1 Art Exhibition, value £15, tenable for 2 years, offered by the Lancashire County Council

APPENDIX D—continued.

THE MUNICIPAL SCHOOL OF ART, INCLUDING THE ART RESULTS OF THE MUNICIPAL SCHOOL OF TECHNOLOGY, AND THE BRANCHES AT WHITWORTH STREET AND NEWTON HEATH.

Results of Examinations in connection with the Board of Education, May and June, 1905.

SUBJECT	Papers Applied for	Total Sat	Males	Females	Excellent	1st Class	2nd Class	Fail	Certificates Gained
Light and Shade	130	120	58	62	...	25	57	38	82
Do. School of Technology	8	7	5	2	...	...	4	3	4
Model Drawing	141	132	45	87	...	33	31	68	64
Do. School of Technology	23	22	7	15	...	1	10	11	11
Freehand Drawing	190	175	62	113	...	52	94	29	146
Do. School of Technology	48	41	6	35	...	5	28	8	33
Perspective	74	61	27	34	...	6	25	30	31
Do. School of Technology	6	6	6	...	...	...	4	2	4
Geometrical Drawing	90	87	30	57	...	14	32	41	46
Do. School of Technology	3	2	2	...	...	...	1	1	1
Principles of Ornament	33	29	22	7	...	5	12	12	17
Design E	20	19	5	14	...	6	10	3	16
Do. A / Do. H	44	39	29	10	...	6	14	19	20
Do. School of Technology E	2	2	2	...	...	...	...	2	...
Do. do. A	13	12	12	...	...	...	2	10	2
Anatomy	46	35	15	20	...	8	21	6	29
Drawing Life	61	48	31	17	4	3	28	13	35
Still Life	25	25	7	18	...	6	16	3	22
Drawing Antique	68	55	38	17	...	13	34	8	47
Memory Antique	18	15	10	5	...	7	4	4	11
Painting Ornament	31	31	19	12	...	5	22	4	27
Architecture	44	39	36	3	...	18	7	14	25
Historic Ornament	36	27	24	3	...	5	16	6	21
Modelling Design A	9	8	5	3	...	4	1	3	5
Do. H	1	1	1	...	...	...	...	1	...
Modelling Antique	17	10	6	4	...	3	1	6	4
Do. Life	6	6	4	2	...	1	3	2	4
Do. Head	8	7	1	6	...	...	...	7	...
Memory Plant Drawing	70	62	33	29	...	6	40	16	46
Memory Drawing of Common Objects	19	16	5	11	...	5	5	6	10
Do. School of Technology	1	1	1	...	...	1	...	...	1
Architectural Design	11	4	4	...	...	...	4	...	4
Blackboard Drawing	20	20	1	19	...	14	4	2	18
Do. School of Technology	7	7	1	6	...	4	1	2	5
	1323	1171	560	611	4	256	531	380	791

Individual Students examined:—
- School of Art 540
- School of Technology 80

Certificates gained:—
- School of Art 722
- School of Technology 69

No. of Works examined:—
- School of Art 593

- Silver Medals 2
- Bronze Medals 8
- National Book Prizes 15
- King's Prizes (value £2) 10
- 1 Art Exhibition, value £15, tenable for 2 years, offered by the Lancashire County Council

APPENDIX D—continued.

The Municipal School of Technology.

Results of Domestic Economy Examinations in connection with the Union of Lancashire and Cheshire Institutes, March and April, 1906.

Subjects	Distinction	1st	2nd	Pass	Fail	Total
Dressmaking	11	34	12	4	...	61
Millinery	1	16	10	...	...	27
Needlework	3	3	...	...	...	6
	15	53	22	4	...	94

Individual students examined	92
Successes gained	94

APPENDIX E.

List of Gifts to the Municipal School of Technology and Municipal School of Art.

Oct., 1905—Messrs. R. Greg & Co., South Reddish : Glass case containing samples of fancy yarns.

Messrs. Dale & Reynolds, London : Samples of barley.

Messrs. J. Reynolds & Co., Gloucester : One bag of wheat meal.

Messrs. W. Vernon & Sons, Manchester : Five half-sacks of flour.

Messrs. Wm. Ryder, Ltd., Bolton : Six lantern slides of textile machinery.

Charles Rowley, Esq. : Reports and examples of work of Guild of Handicraft.

Nov., 1905—Messrs. Carr & Co., Ltd., Carlisle : Two bags of malt meal.

The Calico Printers' Association Ltd. : Five frames representing designs and styles of work produced by British Calico Printers between 1888 and 1905.

Messrs. Chas. Moore & Co., Lymm : One 2-cwt. bag of dairy salt.

The British Cotton Growing Association : Six photographs of textile machinery, etc ; samples of cotton and seed, and cotton plants.

Messrs. Hutchinson, Hollingworth & Co. Ltd : Model of head motion.

The Clayton Aniline Co., Clayton : 2 lbs. of Dinitro-chlorobenzene.

Messrs. Meister, Lucius & Brüning, Manchester : Box of appliances for " Pinatype " Photography.

Messrs. Addey & Co., Manchester : Samples of jute yarns and fabrics.

Messrs. Brown & Forth, Manchester : 1lb. tin of Immedial Sky Blue.

Manchester Gas Committee : Crystallised specimens of ammonium sulphate.

Nov., 1905—(*continued*) Messrs. Kruger, Darsie & Co., Liverpool: Six 14lb samples of flours.

George Thomas, Esq., Manchester: Large framed piece of tapestry woven in Sweden; Copy of Gobelin Tapestries.

Messrs. Linfoot & Cooper, Clayton: 56lbs. of pigment yellow for calico printing.

Dec., 1905—Messrs. Reynolds & Co., Ltd., Gloucester: Box of cake flour.

Messrs. Nobel's Explosives Co. Ltd., Stevenston: Case of dummy samples of explosives.

The Rembrandt Intaglio Printing Co.: Copy of Vandyke's portrait of "Killigrew & Carew."

Messrs. Trakranen Brothers, Brooks's Bar: £5 to provide prizes for Breadmaking students.

Messrs. Joseph Stubbs & Co., Manchester: 17 blue prints of textile machinery.

Messrs. Pott, Cassels & Williamson, Motherwell: 14 lantern slides of textile machinery.

Messrs. T. Rigby & Son, Ltd., Liverpool: Two bags of flour.

National Registration of Plumbers (Manchester District): Gift of 15s. 6d. to provide prizes for students in the Plumbing Classes.

The Castner-Kellner Alkali Co., Runcorn: 11lbs. of Peroxide of Sodium.

John Allan, Esq., Didsbury: Samples of native methods of printing in Java.

Jan., 1906—The Natural Food Co. Ltd., London, E.: One bag of Whole Meal.

Messrs. Henry Baer & Co., Zurich: Single Thread Yarn Tester.

Co-operative Wholesale Society Ltd.: Copy of Society's Annual.

The Anglo-American Oil Co., Ltd.: Samples of Oil, Paraffin Wax, and Paraffin Scale.

Jan., 1906—Association of Master Plasterers and Painters : £1 1s. to provide prizes for students in the Painting and Decorating classes.

(*continued*).

Mr. John Watson, Liverpool : 56lbs. of Cottolene.

Messrs. J. Lever & Co., Manchester : Patent Combined Whisk and Cake Mixer.

Feb., 1906—The Veda Food Co. Ltd., Edinburgh : Ten stones of flour and three dozen baking tins.

Miss Gaskell, Manchester : Examples of lace.

Miss Jackson, Manchester : Examples of lace and embroidery.

Messrs. Spillers & Bakers, Cardiff : 140lbs. of meal.

Charles Rowley, Esq., Ancoats Recreation Committee : 450 lantern slides of works by famous artists.

The Lancashire Cash Bakery Co., Ltd.: 140lbs. of flour.

Messrs. Cattley, Grindley & Co., London : Samples of hops.

Mar., 1906—Satinite Ltd., Widnes : ½-cwt. of Satinite.

The Craigmillar Creamery Co., Ltd. : 7lb. box of bakery margarine.

Messrs. Parkinson & Son, Shipley : Set of lantern slides of textile machinery.

The Silig Company, Huntingdon : 140lbs. of meal.

Messrs. Brooks & Doxey, Ltd., West Gorton : 81 lantern Slides of textile machinery.

H. Wood, Esq., Failsworth : Yarn Assorting Balance and six books on textile subjects.

Messrs. Kalle & Co., Manchester : Samples of dyestuffs.

Messrs. Wm. Whiteley & Sons, Ltd., Lockwood : Set of lantern slides of textile machinery.

Messrs. E. Héuer & Co., Ltd., Manchester : A Wilson's Machine for ascertaining counts in yarns.

April 1906—Messrs. Levinstein Ltd., Manchester : 5lbs. of Thionol Black.

Messrs. George Waller & Son, Stroud : Model Gas Exhauster.

April, 1906—Charles Rowley, Esq: 47 reproductions from Turner, Ruskin, etc. (*continued*).

Department of Agriculture, Washington, U.S.A.: Two volumes of the Primer of Forestry.

George W. Eve, Esq., London: Six prints of book plates.

R. L. Taylor, Esq., Manchester: 16 volumes of books by famous chemists.

May, 1906—Messrs. Rawlins & Son, Ltd., Rainhill: Three ½-lb. samples of Ultramarine.

Herbert Cole, Esq., London: Four original sketches and studies.

Messrs. Samuel Osborn & Co., Sheffield: Steel engraving of the late R. F. Mushet.

B. N. White, Esq., Prestwich: ½-cwt. of magic flax.

J. Waterhouse, Esq., Hale: £3 to provide art prize.

Messrs. Armstrong, Whitworth & Co., Ltd., Openshaw: Samples of cast iron, steel, and tool steels for testing purposes.

The British Ultramarine Manufacturing Co., Ltd., London: Samples of dyestuffs.

Society of Chemical Industry, Basle: 46 bottles of dyes; sample cards and yarns.

Messrs. Reckitt & Sons, Hull: Seven samples of Ultramarine.

The Mersey White Lead Co., Ltd.: Samples of leads.

Messrs. Meister, Lucius & Brüning, Manchester: Collection of dyestuffs.

Messrs. J. Crosfield & Sons, Ltd., Warrington: Showcase with samples of the oxide of iron colours, etc.

C. T. Tallent-Bateman, Esq., Manchester: Three Copies of La Trobe Bateman's "History of Manchester Waterworks."

June, 1906—Messrs. George Kenyon, Ltd., Manchester: Samples of dyestuffs.

Messrs. I. Frankenburg & Son, Ltd., Salford: Samples of cables, etc.

British Commissioners: Descriptive book of the St. Louis Exposition.

July, 1906—Chemisehe Fabrik Griesheim-Elektron, Frankfort: Collection of colours and intermediate products.

Messrs. F. Bayer & Co., Manchester: Collection of dyestuffs.

John Wilson, Esq., Urmston: One volume of combined works on Building Construction, etc.

Manchester Typographical Society: £3 3s. to provide prizes for students in Typography Classes.

London and North Western Railway: Large framed Lithograph of Poster.

Sept., 1906—Percy Bean, Esq., Manchester: Book on the Chemistry and Practice of Finishing.

Messrs. Haas & Stahl, Aue i Erzgeb: Bleaching apparatus.

Messrs. Beyer, Peaeock & Co., Ltd., Gorton: Model of electrical locomotive.

Messrs. F. W. Dennis & Co., London: Patent favorite Shafts and tinned cast-steel wire healds.

The Hovis-Bread Flour Co., Ltd., Macclesfield: Four saeks of flour.

Oct., 1906—Samples of building materials, slate, stone, brick, tiling, ete., have been received from various slate and stone merchants and quarry proprietors throughout the country, for illustration purposes in the Building Trades' Classes.

APPENDIX F.

List of Students who have been Awarded the Diploma of the Municipal School of Technology, with the Title of Associate.

DAY DEPARTMENTS.

Name	Subject	Awarded
Appleton, John T.	Electrical Engineering	1906
Badhwar, Naranjan D.	Mechanical Engineering	1906
Bell, Hugh M.	Textile Industries	1905
Bleakley. John F.	Textile Industries	1906
Butterworth, Joseph	Mechanical Engineering	1905
Campbell, James W.	Electrical Engineering	1903
Carr, Laurence H. A.	Electrical Engineering	1905
Carroll, Leonard A.	Municipal and Sanitary Engineering	1905
Chadwick, Robert B.	Chemistry and Chemical Technology	1905
Chaves, Arlindo	Textile Industries	1906
Colton, Henry R.	Chemistry and Chemical Technology	1904
Coward, Arthur L.	Electrical Engineering	1904
Cunliffe, James G.	Electrical Engineering	1904
Cunliffe, Richard G.	Electrical Engineering	1904
Delahunty, Paul V.	Chemistry and Chemical Technology	1906
Dixon, Cuthbert	Chemistry and Chemical Technology	1906
Dobson, James	Chemistry and Chemical Technology	1904
Dolan, Henry	Chemistry and Chemical Technology	1904
Duguid, Sydney N.	Municipal and Sanitary Engineering	1906
Embleton, Charles F.	Electrical Engineering	1906
Entwistle, James H.	Textile Industries	1906
Evans, Sam	Chemistry and Chemical Technology	1905
Gill, Harry	Electrical Engineering	1905
Gray, George H.	Chemistry and Chemical Technology	1906
Harlow, George	Electrical Engineering	1903
Harrison, Henry M.	Electrical Engineering	1905
Harrison, William	Chemistry and Chemical Technology	1904
Hibbert, Eva	Chemistry and Chemical Technology	1906
Higgins, Eric	Chemistry and Chemical Technology	1903
Hill, Edward P.	Electrical Engineering	1906
Hindle, James N.	Electrical Engineering	1905
Hobsbaum, Isaac	Chemistry and Chemical Technology	1903
Horner, Thomas	Chemistry and Chemical Technology	1904
Irminger, John C.	Mechanical Engineering	1906
Jones, Charles E. L.	Textile Industries	1904
Jones, Jeffrey W.	Electrical Engineering	1905
Jordan, Henry P.	Mechanical Engineering	1903
Joynson, George	Chemistry and Chemical Technology	1905
Keer, Roger K.	Electrical Engineering	1906
Kemp, Philip	Electrical Engineering	1906

APPENDIX F—continued.

Name	Subject	Awarded
Kininmonth, C. P.	Mechanical Engineering	1905
Lantsberry, F. C. A. H.	Chemistry and Chemical Technology	1903
McCraith, John S.	Chemistry and Chemical Technology	1905
McCraith, Norman	Chemistry and Chemical Technology	1903
McLoughlin, Harold F.	Electrical Engineering	1906
Maddocks, William H.	Chemistry and Chemical Technology	1906
Mallalieu, Vernon	Electrical Engineering	1905
Marsden, Ernest	Chemistry and Chemical Technology	1905
Marshall, Harold	Electrical Engineering	1905
Maybury, Percy T.	Electrical Engineering	1904
Melbourne, Charles J.	Electrical Engineering	1904
Mennell, Harold	Chemistry and Chemical Technology	1904
Middleton, Arthur B.	Chemistry and Chemical Technology	1904
Moore, Fred	Electrical Engineering	1904
Myers, James J.	Electrical Engineering	1903
Nordling, Hugo	Chemistry and Chemical Technology	1906
Pickwell, William H.	Electrical Engineering	1906
Pilkington, Harry	Chemistry and Chemical Technology	1905
Pitre, Trimbak J.	Municipal and Sanitary Engineering	1906
Redfern, William D.	Electrical Engineering	1906
Reynolds, Frank G.	Chemistry and Chemical Technology	1903
Richards, Charles S.	Electrical Engineering	1906
Richards, Frank G.	Chemistry and Chemical Technology	1906
Ricketts, Alfred E.	Electrical Engineering	1904
Roberts, Frederic	Chemistry and Chemical Technology	1906
Roberts, Henry	Electrical Engineering	1906
Roberts, John	Electrical Engineering	1903
Rooney, Thomas E.	Chemistry and Chemical Technology	1905
Rose, William A.	Mechanical Engineering	1906
Rothwell, Joseph	Mechanical Engineering	1906
Royle, Vernon L.	Chemistry and Chemical Technology	1904
Rubinstein, Isaac H.	Chemistry and Chemical Technology	1905
Rushton, Albert	Electrical Engineering	1904
Sinnatt, Frank S.	Chemistry and Chemical Technology	1906
Smith, James H.	Chemistry and Chemical Technology	1905
Stones, Frederick	Textile Industries	1904
Stott, Bertram E.	Electrical Engineering	1904
Taveira, Antonio A.	Textile Industries	1904
Teggin, George S.	Mechanical Engineering	1903
Thomas, John W.	Electrical Engineering	1906
Thorp, Harvey T.	Electrical Engineering	1903
Wadsworth, George W.	Electrical Engineering	1906
Weissblüth, Martin L.	Textile Industries	1906
Welch, Oswald	Electrical Engineering	1906
Whittall, James D.	Mechanical Engineering	1906
Wild, Henry C.	Chemistry and Chemical Technology	1905
Willcock, Frank	Municipal and Sanitary Engineering	1906
Wood, Alfred L.	Electrical Engineering	1905

APPENDIX F.—continued.

EVENING DEPARTMENTS.

Name	Subject	Awarded
Cargill, James P.	Municipal and Sanitary Engineering	1906
Davies, Chas. B.	Chemistry and Chemical Technology	1906
Fielding, Ratcliffe	Municipal and Sanitary Engineering	1906
Lees, Samuel	Mechanical Engineering	1906
Lingard, Alexander	Mechanical Engineering	1906
Littlewood, Ernest A.	Chemistry and Chemical Technology	1906
Macfee, Robert	Chemistry and Chemical Technology	1906
Matthews, Harry	Municipal and Sanitary Engineering	1906
Owen, Samuel	Mechanical Engineering	1906
Wilson, James H.	Chemistry and Chemical Technology	1906

List of Students who have passed the Final Examination for the Degree of Bachelor of Technical Science (B.Sc Tech.) at the Examinations of June, 1906.

		Division*			Division*
Appleton, J. T.	Elec. Eng'g	2nd	Nordling, Hugo	App'd Chem.	1st
Badhwar, N. D.	Mech. „	2nd	Pickwell, W. H.	Elec. Eng'g	2nd
Campbell, J. W.	Elec. „	2nd	Pitre, T. J.	San'y „	1st
Carr, L. H. A.	„ „	2nd	Redfern, W. D.	Elec. „	2nd
Delahunty, P. V.	App'd Chem.	1st	Reynolds, F. G.	App'd Chem.	1st
Dixon, Cuthbert	„ „	1st	Richards, C. S.	Elec. Eng'g	1st
Duguid, S. N.	San'y Eng'g	1st	Roberts, Frederic	App'd Chem.	2nd
Evans, S.	App'd Chem.	1st	Rothwell, Joseph	Mech. Eng'g	3rd
Higgins, Eric	„ „	1st	Smith, J. H.	App'd Chem.	3rd
Hill, E. P.	Elec. Eng'g	2nd	Thomas, J. W.	Elec. Eng'g	1st
Irminger, J. C.	Mech. „	3rd	Wadsworth, G. W.	„ „	1st
Keer, R. K.	Elec. „	1st	Welch, Oswald	„ „	2nd
Kemp, Philip	„ „	1st	Whittall, J. D.	Mech. „	1st
McLoughlin, H. F.	„ „	2nd	Willcock, Frank	San'y „	1st

* Students who have passed in the First Division are placed as having obtained the Degree in Technology with Honours.

List of Students who have passed the Intermediate Examination for the Degree of Bachelor of Technical Science (B.Sc.Tech.) at the Examinations of June and September, 1906.

Badger, May
Barker, Roland
Bell, R. L.
Boodson, Isidore
Bostock, B. R.
Cory, A. E. J.
Cunliffe, H. N.
Dunworth, J. L.
Elce, Tom
Jenkins, Daniel
Leeming, E. L.
Mills, Leonard
O'Brien, G. H.
Pickworth, P. C. N.
Smith, S. T.
Stephens, W. A.
Sutcliffe, Joseph
Taylor, G. H.
Thomasson, James
Williams, F. H.
Williams, G. M.
Williams, Humphrey
Winstanley, E. V.

APPENDIX G.

TRAINING COLLEGE EXHIBITIONS

of the value of £20 *per annum, awarded in* 1906, *and renewable in* 1907 *for a second year.*

Name	School	Training College
Winifred Allen	Plymouth Grove	Homerton
Dorothy Bailey	Duke Street	Homerton
Emily Bedford	Wheler Street	Edge Hill
Annie Brierley	Lily Lane	Hereford
Annie Brocklehurst	Armitage Street	Edge Hill
Gerald Chadwick	St. John's	York
Margaret Eliz. Cox	Waterloo Road	Edge Hill
Nellie H. Crawshaw	Hague Street	Derby
Lily Alice Fletcher	Varna Street	University Col'ge, Bristol
Elizabeth Garland	Grange Street	Ripon
Emily B. Heaton	Vine Street	Darlington
Laurie M. Hempsall	Monmouth Street	Edge Hill
Amelia Lily Hobson	Broughton Street	Warrington
Mabel Holloway	Jackson Street	Darlington
Ada Jones	Birley Street	Edge Hill
Edith Ashworth Joule	Cheetham, St. Thomas's	Southlands
Mary Agnes Kelly	St. Wilfrid's	Mount Pleasant, Liverpool
Mary Teresa Lee	Corpus Christi	Mount Pleasant, Liverpool
Sarah E. Marsland	Bank Meadow	Victoria
Thomas Mulvey	St. Wilfrid's	Hammersmith
Alice Purcell	St. Chad's	Mount Pleasant, Liverpool
Dorothy D. Ramskill	Bank Meadow	Southlands
Dora Ratcliffe	Corpus Christi	Mount Pleasant, Liverpool
Gustave E. Travers	St. Chad's	Hammersmith
Helen L. Turner	Waterloo Road	Swansea
Katherine L. Veitch	Jackson Street	Swansea

APPENDIX G.—continued.

TRAINING COLLEGE EXHIBITIONS

of the value of £20 *per annum, awarded in* 1905, *and renewed in* 1906 *for a Second Year.*

Name	School	Training College
Wilfrid Seddon	Burgess Street	Borough Road
John Ramsbottom	Birley Street	Cambridge Day
John R. Wragg	Hulme, St. Stephen's	Chester
Ernest A. Ball	Mulberry Street	Chester
John Clarke	Grange Street	Chester
Frederick H. Cretney	Burgess Street	Battersea
John Cropper	Hague Street	Chester
Frederick W. Dunn	Ross Place	Battersea
Nellie Bamford	St. Mary's	Edgehill
Hannah Bennett	Ardwick Higher Grade	Edgehill
Marion E. Cooling	Bank Meadow	Edgehill
Milicent Entwistle	Sharp Street	Warrington
Alice Nicholls	Hague Street	Edgehill
Rose Sunderland	Seymour Road	Bangor
Elizabeth Gatley	Grange Street	Bangor
Dorothy Harrop	Hulme, St. Mary's	Owens
Hannah Langtry	Broughton Street	Edgehill
Margaret A. Ryding	Moston Lane	Derby
Jenny Turner	Ardwick Higher Grade	Edgehill
Edith F. White	Waterloo Road	Darlington
Annie Dodge	Cheetham Hill	Darlington
Clara Doughty	Ross Place	Bangor
Violet L. Gough	Ducie Avenue	Edgehill
Jane L. Martin	Waterloo Road	Darlington
Kathleen Ratcliffe	Upper Jackson Street	Edgehill
Edith A. G. Sheldon	Thomas Street	Homerton
Gertrude Suthers	Hulme, Duke Street	Ripon
Emily M. Sutton	Openshaw, Wheler Street	Reading R.S.
Gertrude Webster	Moston Lane	Darlington

APPENDIX H.

MUNICIPAL SECONDARY SCHOOL.

Summary of Successes during the Year 1905-6.

Matriculation Scholarship (value £30 for 3 years)—1.

Victoria Matriculation—4 First Classes; 2 Second Classes.

School of Technology Scholarships (value £50 for 3 years)—3.

Cheshire County Council Intermediate Scholarships (Fees and expenses for 2 years)—1.

Lancashire County Council Senior Secondary School Scholarships (value £20 for 2 years)—3.

Manchester Senior Secondary School Scholarships (value £15 for 2 years)—2.

Lancashire County Council Junior Exhibition (Fees and expenses for 4 years)—1.

Hobson's Endowment Scholarship (value £20 for three years)—2.

Board of Education Examinations—

Chemistry (Stage II.)—3 First Classes; 19 Second Classes.

Mathematics (Stage V.)—2 First Classes; 1 Second Class.

Mathematics (Stage III.)—2 First Classes; 5 Second Classes.

Mathematics (Stage II.)—1 First Class; 32 Second Classes.

APPENDIX I.

Scale of Salaries.

Municipal Secondary Schools and Pupil Teachers' College.

	Minimum	Increase	Maximum
Men	£140	£5	£180
Women	£110	£5	£150

(1) The increases of salary date from January 1st and July 1st, and for this purpose any period above three months in the first half-year in which a teacher joins the Education Committee's service is counted as six months.

(2) The increases of salary provided by the scale may be stopped in the case of any teacher whose service is not considered satisfactory by the Education Committee.

(3) In the case of teachers who have had experience in other schools prior to appointment, the Education Committee may, at their discretion, count years of service in such schools for the purposes of the scale to such an extent as they may consider desirable.

(4) The Education Committee reserve to themselves the right of varying the scale in any particular case.

(5) No extraneous work may be taken without the consent of the Education Committee, and the amount of evening work must in no case exceed 6 hours per week.

APPENDIX J.

DIAGRAM

ILLUSTRATING THE GRADED SYSTEM OF COURSES OF INSTRUCTION ADAPTED TO THE REQUIREMENTS OF THE DIFFERENT CLASSES OF STUDENTS IN THE MANCHESTER EVENING SCHOOLS.

GRADE III.	
MUNICIPAL SCHOOL OF TECHNOLOGY.	MUNICIPAL SCHOOL OF COMMERCE.
Specialised Instruction in Seienee and Technology.	Specialised Instruetion in Commercial Subjeets.

GRADE II.—BRANCH TECHNICAL SCHOOLS, BRANCH COMMERCIAL SCHOOLS, AND EVENING INSTITUTES FOR WOMEN AND GIRLS.		
TECHNICAL COURSES extending over 3 years, to meet the requirements of all classes of Artisan students.	COMMERCIAL COURSES extending over 3 years, to meet the requirements of Juniors in business houses.	DOMESTIC COURSES extending over 2 years, for Women and Girls over 16 years of age.

GRADE I.—EVENING CONTINUATION SCHOOLS.		
PRELIMINARY TECHNICAL COURSE extending over 2 years, for boys engaged in manual oeeupations.	PRELIMINARY COMMERCIAL COURSE extending over 2 years, for Boys and Girls engaged in eommercial or distributive occupations.	PRELIMINARY DOMESTIC COURSE extending over 2 years, for Girls desirous of receiving a training in domestie subjeets.

GENERAL COURSE.

For Boys and Girls who desire to improve their general edueation or who are not suffieiently prepared to take advantage of the above Courses.

DIAGRAM

Showing Courses of Instruction extending over Two Years for Students of Evening Continuation Schools.

SECOND YEAR COURSE.

Preliminary Artisan Course, for boys engaged in industrial pursuits	Preliminary Commercial Course, for boys or girls engaged in commercial or distributive occupations	Preliminary Domestic Course, for girls and young women who desire instruction in Domestic Economy subjects	General Course, for boys or girls who are too backward to take one of the foregoing courses, and who require instructions chiefly in the subjects of the Day School
hrs. wkly. Workshop Arithmetic .. 2 Woodwork and Practical Drawing 2 Elementary Science.. 1 English 1 — 6 —	hrs. wkly. Commercial Arithmetic.. 2 English 1 Commercial Correspondence and Office Routine .. 1 Geography..... 1 Book-keeping or Shorthand.. 1 — 6 —	hrs. wkly. English 1 Dressmaking 2 Home Nursing .. 1 †Cookery..... 2 — 6 —	As below
SECOND YEAR EVENING CONTINUATION SCHOOL COURSE.			

FIRST YEAR COURSE.

Preliminary Artisan Course, for boys engaged in industrial pursuits	Preliminary Commercial Course, for boys or girls engaged in commercial or distributive occupations	Preliminary Domestic Course, for girls and young women who desire instruction in Domestic Economy subjects	General Course, for boys or girls who are too backward to take one of the foregoing courses, and who require instruction chiefly in the subjects of the Day School
hrs. wkly. Workshop Arithmetic.. 2 Woodwork and Practical Drawing 2 Elementary Science.. 1 English 1 — 6 —	hrs. wkly. Commercial Arithmetic .. 2 English 2 Geography 1 Book-keeping or Shorthand.. 1 — 6 —	hrs. wkly. English 1 Arithmetic and Household Accounts.... 1 Needlework and Dressmaking .. 2 *Cookery 2 — 6 —	The Students in this Class as a rule will receive instruction in Reading, Handwriting, and Composition, the simple rules of Arithmetic, with or without the addition of one or two other subjects at the discretion of the Head Teacher. As the Students will be of varying attainments, much of the teaching will necessarily be individual.
FIRST YEAR EVENING CONTINUATION SCHOOL COURSE.			

FIRST YEAR COURSE.

* Where Cookery cannot be taken, Millinery may be substituted, or 4 hours given to Needlework and Dressmaking.

† Where Cookery cannot be taken, Millinery or Needlework may be substituted.

DIAGRAM

Showing Courses of Instruction extending over Three Years for Artisan Students in Branch Evening Technical Schools.

SECOND YEAR TECHNICAL COURSE.

Engineering Course	Building Trades Course	Chemical Industries Course	Electrical Course
hrs.	hrs.	hrs.	hrs.
Machine Construction ..2	Building Construction ..2	Chemistry (Theoretical and Practical)$2\frac{1}{2}$	Magnetism and Electricity (Theoretical and Practical)$2\frac{1}{2}$
Applied Mechanics (Theoretical and Practical)$2\frac{1}{2}$	Applied Mechanics (Theoretical and Practical)$2\frac{1}{2}$	Physics (Theoretical and Practical)$2\frac{1}{2}$	Mathematics and Geometry 2
Mathematics 1	Mathematics 1	Mathematics 2	Special Machine Drawing for Electrical Engineers2
Geometry 1	Geometry 1	7	$6\frac{1}{2}$
$6\frac{1}{2}$	$6\frac{1}{2}$		

FIRST YEAR TECHNICAL COURSE.

Engineering Course	Building Trades Course	Chemical Industries Course	Electrical Course
hrs.	hrs.	hrs.	hrs.
Machine Drawing 2	Building Construction ..2	Chemistry (Theoretical and Pratical)$2\frac{1}{2}$	Magnetism and Electricity (Theoretical and Practical)$2\frac{1}{2}$
Applied Mechanics (Theoretical and Practical)$2\frac{1}{2}$	Applied Mechanics (Theoretical and Practical)$2\frac{1}{2}$	Physics (Theoretical and Practical)$2\frac{1}{2}$	Experimental Mathematics 2
Experimental Mathematics ..2	Experimental Mathematics ..2	Experimental Mathematics ..2	Applied Mechanics (Theoretical and Practical)$2\frac{1}{2}$
$6\frac{1}{2}$	$6\frac{1}{2}$	7	7

PREPARATORY TECHNICAL COURSE.

Experimental Mathematics 3 hours weekly.
Preliminary Physics (Theoretical and Practical)$2\frac{1}{2}$ " "
English Composition.....1 " "
$6\frac{1}{2}$

Note.—In the case of Students whose attainments do not fit them to take the whole of the Preparatory Technical Course in one year, the work set down for this may be extended over two years, as follows:—

Preparatory Course Part I.—Experimental Mathematics 4 hours weekly.
English Composition.....2 " "

Preparatory Course Part II.—Experimental Mathematics 3 " "
Preliminary Physics (Theoretical and Practical).....$2\frac{1}{2}$ " "
English Composition.....1 " "

Courses for Rail Carriage Builders are also taken at the Newton Heath and Openshaw Branch Schools.

DIAGRAM

Showing Courses of Instruction extending over Three Years for Students of the Branch Commercial Evening Schools.

SECOND YEAR COMMERCIAL COURSE.

Shorthand Clerks and Typists	Junior and Invoice Clerks	Book-keepers	Correspondents and Shippers' Clerks	Civil Service
hrs.	hrs.	hrs.	hrs.	hrs.
Correspondence and Office Routine 2	Coml. Arithmetic 1	Coml. Arithmetic 1	English 1	Arithmetic 2
Shorthand 2	Book-keeping 2	Book-keeping 2	A Modern Language 2	Composition and Handwriting .. 2
English 1	Shorthand 2	Correspondence and Office Routine 2	Correspondence and Office Routine 1	Geography 2
Coml. Arithmetic 1	Correspondence and Office Routine 1	English 1	Coml. Geography 1	
			Book-keeping or Shorthand 1	

SECOND YEAR COMMERCIAL COURSE.

FIRST YEAR COMMERCIAL COURSE.

Shorthand Clerks and Typists	Junior and Invoice Clerks	Book-keepers	Correspondents and Shippers' Clerks	Civil Service
hrs.	hrs.	hrs.	hrs.	hrs.
Correspondence and Office Routine 2	Coml. Arithmetic 1	Coml. Arithmetic 2	English 1	Arithmetic 2
Shorthand 2	Book-keeping 2	Book-keeping 2	A Modern Language 2	Composition and Handwriting .. 2
English 1	Shorthand 2	Correspondence and Office Routine 1	Correspondence and Office Routine 1	Geography 2
Coml. Arithmetic 1	Correspondence and Office Routine 1	English 1	Coml. Geography 1	
			Book-keeping or Shorthand 1	

FIRST YEAR COMMERCIAL COURSE.

Commercial Arithmetic	2 hours	weekly
English	2 "	"
Geography	1 "	"
Commercial Correspondence and Office Routine	1 "	"

PREPARATORY COURSE FOR ALL CLASSES OF COMMERCIAL STUDENTS.

Girls in Branch Commercial Schools may have the option of taking a Domestic Course, when such subjects are already taught in these Schools.

FIRST YEAR DOMESTIC COURSE.

English	1	hour	weekly.
Arithmetic or Household Accounts ..	1	,,	,,
Needlework and Dressmaking.....	2	,,	,,
*Cookery	2	,,	,,
	6	,,	,,

SECOND YEAR DOMESTIC COURSE.

English	1	hour	weekly
Dressmaking	2	,,	,,
Home Nursing	1	,,	,,
Cookery	2	,,	,,
	6	,,	,,

Where Cookery cannot be taken, Millinery may be substituted, or 4 hour given to Needlework and Dressmaking.

APPENDIX K.

STATEMENT of the Places of Residence of Students attending the Municipal Evening School of Commerce during the Session 1905-1906,

Accrington	4	Hale	11
Alderley Edge	2	Hazel Grove	3
Altrincham	20	Haslingden	4
Ashton-upon-Mersey	18	Heaton Chapel	17
Ashton-under-Lyne	19	Heaton Mersey	4
Atherton	3	Heaton Moor	28
Audenshaw	3	Heaton Norris	7
Besses-o'th'-Barn	2	Heaton Park	2
Bowdon	6	Hollinwood	9
Bolton	15	Hooley Hill	5
Bramhall	6	Hyde	15
Broadheath	2	Irlam	2
Burnage	4	Irlam-o'th'-Heights	14
Bury	30	Knutsford	5
Cheadle	10	Leigh	2
Cheadle Heath	4	Levenshulme	84
Cheadle Hulme	11	Lymm	8
Clayton Bridge	6	Macclesfield	8
Clifton	2	Marple	12
Crewe	4	Marple Bridge	7
Darwen	2	Mellor	2
Denton	6	Middleton	8
Disley	7	Middleton Junction	4
Droylsden	27	Monton	2
Dukinfield	10	Mossley	2
Earlstown	2	Mottram	11
Eccles	44	New Moston	9
Failsworth	17	Northenden	6
Fairfield	11	Oldham	18
Farnworth	5	Old Trafford	124
Flixton	19	Oughtrington	2
Gatley	4	Patricroft	17
Gorton	75	Pendlebury	15

APPENDIX K—continued.

Poynton	2
Prestwich	28
Prestwich Park	2
Radcliffe	4
Reddish	15
Rhodes	2
Rochdale	14
Romiley	8
Sale and Brooklands	73
Salford	259
Seedley	20
Stalybridge	7
Stockport	61
Stretford	42
Swinton	33
Timperley	4
Todmorden	3
Tyldesley	5
Urmston	63
Walkden	5
Warrington	7
Whitefield	9
Wigan	3
Wilmslow	19
Winton	3
Ashton, Bacup, Barton-on-Irwell, Blackburn, Boothstown, Bredbury, Broadbottom, Cadishead, Castletown, Chorley, Chapel-en-le-Frith, Compstall, Davyhulme, Dobcross, Dunham Massey, Godley, Great Lever, Halifax, Heywood, Helmshore, Hayfield, Hindley, Horwich, Kersal, Lostock, Nantwich, Newton-le-Willows, Rawtenstall, Southport, St. Helens, St. Annes-on-the-Sea, Tottingham, Upper Mill, Worsley, Woodley, Whitworth, and Werneth (1 each)	37
Manchester	1889
Total	3484

AGES OF STUDENTS.

From 14 to 16	263
,, 16 to 18	647
,, 18 to 20	603
,, 20 to 30	1636
Over 30	335
Total	3484

Total number of Students under 18 years of age	910
,, ,, ,, over 18 ,, ,,	2574
Total	3484

APPENDIX L.

MUNICIPAL EVENING SCHOOL OF COMMERCE

Entries in the various Subjects of Instruction.
Session 1905–6.

Group I.—*General Commercial Subjects.*

Accounting and Banking	382
Commercial Arithmetic	618
Book-keeping	796
Correspondence and Handwriting	357
Commercial Geography	233
Business Training	484
Commercial English	751
Secretarial Work and Practice	63
Shorthand	1039
Type-writing and Office Work	339
	5062

Group II.—*Modern Languages.*

French	806
German	320
Spanish	257
Italian	23
Portuguese	24
Russian	15
Danish	13
Greek (Modern)	7
Dutch	6
Japanese	10
Arabic	12
Hindustani	7
	1500

APPENDIX L—continued.

GROUP III.—*Economics and Law.*

Local Government	31
Economics of Commerce	29
Political Economy	78
Company Law	38
Mercantile Law	482
Bankruptcy Law and Practice	69
Theory and Practice of Banking	38
Conveyancing	22
Marine Insurance	44
Industrial History	21
Income Tax Practice	22
British Markets and Foreign Trade	90
	964

GROUP IV.—*Special Subjects.*

Algebra	242
Euclid	190
Elocution	168
Literature	265
Citizenship	87
Latin	116
	1068

Summary.

GROUP 1.—General Commercial	5062
,, 2.—Modern Languages	1500
,, 3.—Economics and Law	964
,, 4.—Special Subjects	1068
Total	8594

Included in the above are the Subject Entries for the following groups :—

GROUP V.—*Professional Courses.*

Institute of Actuaries	14
Chartered and Incorporated Accountants	51
Chartered Institute of Secretaries	38
Institute of Bankers	58
Federation of Insurance Institutes	78
London and Manchester Matriculation	64
Professional Preliminary	33

GROUP VI.—*Special Courses.*

Library Assistants	13
Municipal Clerks and Officials	64
Railway Clerks and Officials	20
Grocers and Provision Dealers	147

APPENDIX M.

EVENING SCHOOLS AND CLASSES, SESSION 1905–6.

Summary of Attendance.

I.—*Elementary and Commercial Evening Schools, Special Classes for Policemen, and Evening Institutes for Women and Girls.*

	1905	1904
Number of Pupils enrolled	16,894	16,437

II.—*Evening Science and Art Schools.*—4 *Schools.*

	1905	1904
Number of Pupils enrolled	921	869

III.—*Miscellaneous Classes.*

	1905	1904
Number of Pupils enrolled	1,035	665

Total Number of Individuals and Entries in each Group of Subjects.

	Individuals.	Entries.
Elementary Evening Schools.....	9,696	9,696
Commercial Evening Schools.....	5,996	16,615
Evening Institutes for Women and Girls	1,027	2,632
Evening Science and Art Schools	921	2,388
Special Classes for Policemen	175	175
Miscellaneous Classes.....	1,035	1,035
Total for Session 1905-6.....	18,850	32,541
Total for Session 1904-5.....	18,061	32,651

APPENDIX M.—continued.

EXAMINATION RESULTS, 1905–6.

I.—Board of Education Science and Art Examinations.

	Number Presented	1st Class	2nd Class	Failures
Evening Schools	324	56	123	145
Municipal Secondary School.....	104	8	56	40
	428	64	179	185

II.—School Elementary Science Examinations.

	Number Presented	1st Class	2nd Class	Failures
Evening Schools	643	93	282	268

III.—Union of Lancashire and Cheshire Institutes.

Year	Number Presented	Certificates Awarded				Failures
		Distinction	1st	2nd	Pass	
1906.....	7490	82	884	1267	2871	2386

The following Candidates of the Committee gained the undermentioned Prizes awarded by the Union of Lancashire and Cheshire Institutes:—

"Oxford" Silver Medal for Shorthand.

George May.

		Prize obtained
Frank M. Harding	Shorthand (Theory)	First
Thomas C. Davenport.....	Shorthand (Theory)	Second
Arthur K. Farebrother	Shorthand (Theory)	Third
George May.....	Shorthand (Speed)	First
James H. Dark	Arithmetic (Senior Commercial)	First
Herbert M. Williams	Arithmetic (Senior Commercial)	Second
George R. Leah	English (Commercial)	Second
John Bancroft.....	Spanish (Advanced)	First
John Bancroft.....	Portugese (Advanced)	Second
Francis W. Cooper..	Bookkeeping (Advanced)	First
Harry Dunville	Bookkeeping (Advanced)	Third
Flora Gordon	Bookkeeping (Women).....	First
Mary A. Paterson	Bookkeeping (Women).....	Second
William Brimelow	German (Intermediate).....	First
Phineas Cohen	German (Intermediate).....	Second
Wm. F. Hughes.....	German (Advanced)	First
William A. Richardson	Typewriting	First
Charles Duval.....	Typewriting	Second
Marjorie Bailey	Typewriting	Third

APPENDIX M—continued.

Of the 8 "Senior Commercial Knowledge" Certificates awarded by the Union of Lancashire and Cheshire Institutes in 1906, 5 were gained by the following candidates of the Committee:—

John Callan
Benjamin Dix
Anthony H. Gilbertson
Edwin Orme
Arthur M. Wing

IV.—*Society of Arts Examinations.*

Stage III.

No. Presented	1st Class	2nd Class	Failures
252	44	124	84

The following Medals and Prizes were gained by candidates of the Committee on the results of the Stage III. Examinations:—

Harry Holt { Silver Medal and Prize of £2 for Commercial Law.
Fred Collins Silver Medal and Prize of £2 for Book-keeping.
Mary Toledano Silver Medal and Prize of £5 for Italian.
Harold P. Blydt { Silver Medal and Prize of £3 for Danish and Norwegian
George R. Macdonald... ... Prize of £2 for Italian.

Stage II.

No. Presented	1st Class	2nd Class	Failures
73	16	36	21

V.—*Society of Arts viva voce Examination in Modern Languages.*

No. Presented	Passes with Distinction	Passes	Failures
31	5	15	11

APPENDIX N.

List of Scholarships and Exhibitions in Force, 1906–1907.

UNIVERSITY OF MANCHESTER SCHOLARSHIPS.

Value £60 per annum for three years.

Third year, awarded 1904.

	Name	Parent's Occupation	Last School Attended
1	Bamber, Alice	Draper	Central Municipal School
2	Lister, Charles	Engineer	Hulme Grammar School
3	Timmis, Arthur C. ...	Minister	Do.
4	Wilson, William	Clerk	M'chester Grammar Sch.

Second year, awarded 1905.

	Name	Parent's Occupation	Last School Attended
1	Bell, Minnie Josephine.	Chemist	M/c. High School for Girls
2	Best, Stanley Robert...	Warehouseman	Hulme Grammar School
3	Elton, Percy Maden ...	Cashier	Technical School, Bury
4	Ferns, John	Auditor	Mun. Secondary School
5	Jones, Stanley Wilson.	Householder	Hulme Grammar School
6	Mason, Charles Moir...	Chemist	Do.

First year, awarded 1906.

	Name	Parent's Occupation	Last School Attended
1	Bailey, Ethel	Teacher	M/c. High School for Girls
2	Campbell, Colin	Commercial Traveller	Hulme Grammar School
3	Holmes, Arthur Hill-yard	Tailor	Private Student
4	Horowitz, Phineas.....	House Furnisher ...	Do.
5	Parish, Jessie M.	Decorator	M/c. High Sch'l for Girls
6	Rowbotham, John E...	Fish Salesman	M'chester Grammar Sch.

APPENDIX N—continued

MUNICIPAL SCHOOL OF TECHNOLOGY SCHOLARSHIPS.

Value £50 per annum for three years.

Third year, awarded 1904.

	Name	Parent's Occupation	Last School Attended
1	Badger, May	Salesman	Ardwick Municipal School
2	Barker, Roland	Cashier (Guardian) ..	St. Margaret's, Moss Side
3	Bell, Robt. L.	Woollen Merchant..	Cheetham Municipal School
4	Boardman, Hubert ...	Clerk	Central Municipal School
5	Bradbury, Jno. R. T....	Turner	Central Municipal School
6	Dunworth, Jno. L. ...	Professor of Music...	Central Municipal School
7	Hamilton, Jno. C.....	Cloth Clipper.....	Central Municipal School
8	Hodgson, Wm. E.....	Manufacturer.....	Central Municipal School
9	Leeming, Ernest L. ...	Cashier	Ducie Avenue Municipal School
10	Littler, Robt. P.	Policeman	Central Municipal School
11	Pickworth, Philip C. N.	Engineer	Manchester Grammar School
12	Saxon, Leonard.....	Engineer	Central Municipal School
13	Smith, Sydney T.....	Clerk	Central Municipal School
14	Stephens, Wm. A. ...	Compositor	Central Municipal School
15	Sutcliffe, Joseph	Builder	Central Municipal School
16	Taylor, George H.....	Cotton Carder	Central Municipal School
17	Thomasson, Jas.	Clerk	Central Municipal School
18	Toledano, Stella E. ...	Teacher of Languages	Ducie Avenue Municipal School
19	Weeks, Fredk. W.....	Joiner	Central Municipal School
20	Winstanley, Edwin V.	Cashier	Central Municipal School

APPENDIX N—continued

MUNICIPAL SCHOOL OF TECHNOLOGY SCHOLARSHIPS.

Second year, awarded 1905.

	Name	Parent's Occupation	Last School Attended
1	Batey, John Percy	Rubber Merchant ...	Municipal Secondary School
2	Boodson, Isidor	Tailor	Manchester Grammar School
3	Collinge, Herbert Goldie	Buyer	Municipal Secondary School
4	Cooling, John William..	Dressmaker	Municipal Secondary School
5	Cory, Harold E. J.	Salesman	Municipal Secondary School
6	Dunworth, James Francis	Music Teacher	Municipal Secondary School
7	Grimshaw, Harold Bayley	Commission Agent...	Municipal Secondary School
8	James, Gwilym		Private Student
9	Lischinsky, Maurice Samuel	General Dealer	Municipal Secondary School
10	Mills, Leonard.....	Optician	Municipal Secondary School
11	Shaw, Ernest	Electrical Engineer..	Cheetham Municipal School
12	Williams, Frederick Herbert	Stationer	Manchester Grammar School
13	Williams, George Melville	Salesman.....	Municipal Secondary School
14	Williams, Humphrey....	Warehouseman	Municipal Secondary School

APPENDIX N—continued.

MUNICIPAL SCHOOL OF TECHNOLOGY SCHOLARSHIPS.

First year, awarded 1906.

	Name	Parent's Occupation	Last School Attended
1	Berry, Frederick	Grey Cloth Merchant	Rydal Mount, Colwyn Bay
2	Bradbury, Frank H.....	Turner	Municipal Secondary School
3	Cansino, Joshua	Merchant	Cheetham Municipal
4	Doig, Alexr. McLaren...	Cashier	Ducie Avenue Municipal
5	Oliver, Leonard Fenwick	Lithographic Artist..	Manchester Grammar School
6	Walker, John		Municipal Secondary School
7	Weyman, Henry Morton	Grocer	Municipal Secondary School

MUNICIPAL SCHOOL OF ART SCHOLARSHIPS.

Value £30 per annum, for 2 years.

Second year, awarded 1905.

	Name	Parent's Occupation	Last School Attended
1	Anderson, Percy Wm....	Cashier	Cheetham Municipal
2	Davies, Richard B.	Householder	Ducie Avenue Municipal
3	Duddle, Josephine M....	Professor of Music...	Private Student
4	Greenwood, Jas. Albert..	Gardener	St. John's, Cheetham

First year, awarded 1906.

	Name	Parent's Occupation	Last School Attended
1	Barber, Alan	Clerk	High Lane Municipal
2	Cadness, Mildred M. ...	Art Master	Manchester High School for Girls
3	Cooper, Stanley A.	Clerk	St. John's, Cheetham
4	Lightowler, Alfred	Carver	Moss Side Library Evening Class
5	Myers, William	Confectioner	Lily Lane Municipal

APPENDIX N—continued.

SENIOR SECONDARY SCHOOL SCHOLARSHIPS.

Value £15 per annum, for two years.

Second Year, awarded 1905.

	Name	Parent's Occupation	Where Educated
1	Cardwell, Henry	Householder	Hulme Grammar School
2	Doughty, Joseph Henry	Railway Guard	M'chester Grammar Sch.
3	Fulton, Arthur	Shopkeeper	M'chester Grammar Sch.

First Year, awarded 1906.

	Name	Parent's Occupation	Where Educated
1	Dunham, Edward Henry	Insurance Agent ...	Mun. Secondary School
2	Martin, Thomas Herbert	Manager.....	M'chester Grammar Sch.
3	Needham, Herbert S. ..	Buyer	Hulme Grammar School
4	Newman, Herbert.....	Cashier	Mun. Secondary School
5	Parish, Ephraim John.	Decorator	M'chester Grammar Sch.
6	Badger, Louie Midgley	Salesman	Manchester High School for Girls
7	Barker, Dorothy L. ...	Insurance Inspector.	Manchester High School for Girls
8	Simon, Norah Sarah ...	Jewish Minister.....	Mancheste High School for Girls

MATHEMATICAL AND LANGUAGE SCHOLARSHIP.

Value £25 per annum, for three years.

Second Year, awarded 1905.

Scholes, Joseph.....Municipal Secondary School.

APPENDIX N—continued

JUNIOR SECONDARY SCHOOL SCHOLARSHIPS.

Value £10, £12 10s., £15, £17 10s., and £20 for the first, second, third, fourth, and fifth years respectively, and tenable at the Municipal Secondary School, the Manchester Grammar School, or the Manchester High School for Girls.

Third Year, awarded 1904.

Value £15.

	Name	Parent's Occupation	Where Educated
1	Ashley, Frances H. ...	Clerk of Works.....	Cheetham Mun. School
2	Chadwick, James	Painter	Moston Lane. Mun.School
3	Cox, Charles	Foreman.....	Ducie Av. Mun. School
4	Davis, Jessie	Householder	Jews' School, Cheetham
5	Faulkner, Joseph W.	Baker.....	Ardwick Mun. School
6	Hancock, Hilda.....	Clerk	Central Municipal School
7	Hornby, Ethel	Clerk	Central Municipal School
8	Hovell, Sydney Thomas	Householder	Moston Lane Mun. School
9	Hunt, Evelyn Irene P.	Engineer	Ducie Av. Mun. School
10	Kershaw, Jack E.	Stationer	Princess Road School, Moss Side
11	Kitto, Thomas Edward	Mechanic	Burgess St. Mun. School
12	Lunt, Robert Archibald	Schoolmaster	Upper Lloyd St. School, Moss Side
13	Ogden,Frank	Pawnbroker	Ardwick Mun. School
14	Shephard, William J...	Manager.....	Ducie Av. Mun. School
15	Sternberg, Philip	Traveller	Waterloo Rd. Mun.School
16	Wood, Clara	Manufacturer.....	Ducie Av. Mun. School

Second Year, awarded 1905.

Value £12 10s.

	Name	Parent's Occupation	Where Educated
1	Ash, Harold Vincent...	Photographer.....	Burgess St. Mun. School
2	Barnes, Florence	Collector	Princess Rd. Mun. School
3	Bowman, Leonard.....	Clerk	St. Margaret's, Moss Side
4	Bradshaw, Ellen	Foreman	Birley St. Mun. School
5	Ellis, Annie	Tutor	Ducie Av. Mun. School
6	Elstub, Blanche.....	Overlooker.....	Culcheth Mun. School
7	Enstone, Marion	Labourer	St. John's, Longsight
8	Grounds, Arthur	Baker.....	St. Margaret's, Moss Side
9	James, Millicent	Gardener	High Lane Mun. School
10	Murgatroyd, Frederick.	Clerk	Ardwick Mun. School
11	Reubenstein, Fanny ...	Tailor.....	Manchester Jews' School
12	Salt, Wilfred A,.....	Grocer	Ardwick Mun. School
13	Schofield, Frank M. ...	Canvasser	Moston Lane Mun. School
14	Sturdy, Arthur Bower.	Solicitor.....	Ducie Av. Mun. School
15	Tobias, Eva	Draper	Manchester Jews' School
16	Todd, George Herbert..	Iron Borer	Moston Lane Mun. School
17	Unsworth, Chas. L. ..	Undertaker	Moston Lane Mun. School
18	Walker, Harold C. ...	Warehouseman	Burgess St. Mun. School
19	Webster, Albert Joseph	Coal Merchant	Moston Lane Mun. School

APPENDIX N.—continued.

JUNIOR SECONDARY SCHOOL SCHOLARSHIPS—continued.

First Year, awarded 1906.

Value £10.

	Name	Parent's Occupation	Where Educated
1	Brierley, Ernest Edward	Grey Cloth Salesman	Ducie Av. Mun School
2	Broadhurst, Harold M.	Draughtsman.....	Moston Lane Mun. School
3	Capstick, William R....	Travelling Draper ...	Ardwick Mun. School
4	Collingridge, Harry ...	Timekeeper	St. Anne's, Newton Heath
5	Dillon, Harold	Carver and Guilder..	St. Augustine's, Granby R.
6	Southern, Harry Leslie	Storekeeper	Ducie Av. Mun. School
7	Spedding, Frederick B.	Timekeeper	Moston Lane Mun. School
8	Wykes, Frederick H....	Clerk	Moston Lane Mun. Schcol
9	Clarke, Florence	Shopkeeper	Up. Jackson St. Mun. Scl.
10	Dunworth, Alice G. ...	Professor of Music...	St. Margaret's, Moss Side
11	Scott, Katherine	Manager.....	High Lane Mun. School
12	Slater, Dorothy Alice...	Proof-reader	High Lane Mun. School

BURSARIES FOR FOUNDATION SCHOLARS AT THE MANCHESTER GRAMMAR SCHOOL, THE HULME GRAMMAR SCHOOL, AND THE MANCHESTER HIGH SCHOOL FOR GIRLS.

Value £10 per annum, tenable during the tenure of the Foundation Scholarship.

Third Year, awarded June, 1904.

	Name	Where Educated
1	Avner, Jacob	Jews' School, Cheetham
2	Evatt, Harold Sydney	Ducie Avenue Municipal School
3	Halliday, Francis W.	Ducie Avenue Municipal School
4	Hemingway, Charles T.	Christ Church, Harpurhey
5	Maycock, Charles E.	Central Municipal School
6	Molyneux, James H.	Ardwick Municipal School
7	Shephard, Herbert H.....	Ducie Avenue Municipal School
8	Shepherd, Charles H.....	Ducie Avenue Municipal School
9	Wilson, Raymond F.	St. John's, Cheetham

APPENDIX N—continued.

BURSARIES FOR FOUNDATION SCHOLARS AT THE MANCHESTER GRAMMAR SCHOOL, THE HULME GRAMMAR SCHOOL, AND THE MANCHESTER HIGH SCHOOL FOR GIRLS—continued.

Second Year, awarded December, 1904, and June, 1905.

	Name	Where Educated
1	Kaiserman, Harry	St. John's, Cheetham
2	Single, John Hall	Ducie Avenue Municipal School
3	Tower, Frank	Ducie Avenue Municipal School
4	Cramer, Barnet	Manchester Jews' School
5	Gradwell, Sydney Alfred.....	Christ Church, Harpurhey
6	Hardisty, Charles William ...	Ducie Avenue Municipal School
7	Light, Bernard.....	Ducie Avenue Municipal School
8	Pariser, Maurice	St. John's, Cheetham
9	Wilson, Alan	Ducie Avenue Municipal School
10	Jacobs, Judith.....	Cheetham Municipal School
11	Cann, John P.....	Princess Road Municipal School
12	Johnson, Bernard	Princess Road Municipal School
13	Murphy, Charles W.	Princess Road Municipal School

First Year, awarded December, 1905.

	Name	Where Educated
1	Binnes, Joseph	Southall Street Municipal School
2	Whitworth, James Frederick	Christ Church, Harpurhey

First Year, awarded 1906.

	Name	Where Educated
1	Chant, William	Princess Road Municipal School
2	Cohen, Maurice	Manchester Jews' School
3	Crawshaw, Charles H.	Mauldeth Road Municipal School
4	Duguid, Leslie N.	St. John's, Cheetham
5	Ellis, Thomas H.....	Ducie Avenue Municipal School
6	Hall, Norman	St. John's, Cheetham
7	Harrop, Francis T.	St. John's, Cheetham
8	Howarth, Norman D.....	Ardwick Municipal School
9	Humphries, Cyril	Princess Road Municipal School
10	Shlosberg, Jacob	Southall Street Municipal School
11	Shaer, John.....	Southall Street Municipal School
12	Walshaw, Fernie.....	Princess Road Municipal School
13	Parish, Hilda Constance.....	High Lane Municipal School

APPENDIX N—continued.

BURSARIES FOR SCHOLARS IN THE MUNICIPAL SECONDARY SCHOOL.

Value £10 per annum, tenable for 3 years in the Municipal Secondary School.

Third Year, awarded 1904.

1	Capper, Wm. Bentley	3	Helm, John H.
2	Gardner, Evelyn	4	Horrocks, Edna

Second Year, awarded 1905.

1	Allen, David	7	Lewis, Elsie
2	Austin, Sydney	8	Saxton, Elsie
3	Duerst, Adalbert D. H.	9	Taylor, Mary (Openshaw)
4	Elliott, Emily	10	Wallworth, Joseph
5	Flinn, Dora	11	Wansker, Ralph
6	Gordon, Lena		

First Year, awarded 1906.

1	Bennett, John G.	10	Whitehead, Norman
2	Dransfield, Edgar W.	11	Breadon, Maria
3	Fletcher, Henry	12	Edgley, Maggie
4	Hegan, Harry	13	Miller, Eveline
5	Johnston, Albert	14	Richardson, Gertrude
6	Leeming, Wilfrid	15	Smalley, Edith M.
7	Miede, Carl H. F.	16	Taylor, Mary (Collyhurst)
8	Rosenthal, Jacob	17	Ward, Lilian D.
9	Wakefield, Charles A.	18	Weir, Jessie

BURSARIES FOR SCHOLARS IN THE HIGHER ELEMENTARY SCHOOLS.

Value £5 for the first year and £10 for the second year, tenable in the Higher Elementary Schools.

Second Year, awarded 1905.

Ardwick Higher Elementary School.

1	Bottrill, Edith K.	2	Wood, Richard

Birley Street Higher Elementary School.

1	Blakeley, Gladys	3	Heywood, Annie Gertrude
2	Chesworth, Leonard		

APPENDIX N—continued.

BURSARIES FOR SCHOLARS IN THE HIGHER ELEMENTARY SCHOOLS—continued.

Cheetham Higher Elementary School.

1	Evans, John Arthur	3	Smethurst, Robert M.
2	Ferguson, Stanley Sutherland	4	Wilson, Alfred Vincent

Ducie Avenue Higher Elementary School.

1	Gudgeon, Sidney	3	Heys, George
2	Haley, Mabel	4	Miniati, Norman

St. Margaret's Higher Elementary School.

1	Ashworth, Frederick Bernan	4	Sutcliffe, Harold
2	Bostock, Clifford	5	Wedgwood, Montague
3	Bowman, Frank		

First Year, awarded 1906.

Ardwick Higher Elementary School.

1	Bayley, Frank	5	Pike, Bessie
2	Fishwick, Fred	6	Sheldon, Elsie Jane
3	Harper, William	7	Wolff, Minnie
4	Colley, Lilian Emily		

Birley Street Higher Elementary School.

1	Evans, William	9	Bickerton, Nellie
2	Foote, David	10	Garland, Ellen Mary
3	Frost, Benjamin	11	Harris, Adelaide
4	Murney, John	12	Higham, Esther
5	Norman, John	13	Mee, Elsie
6	Phillips, Ernest	14	Melem, Nelly
7	Simpson, William A.	15	Rooney, Nellie
8	Smith, Robert Samuel		

Cheetham Higher Elementary School.

1	Altaras, Joseph	5	Austin, Edith Katherine
2	Mead, Henry Leslie	6	Bell, Ethel Maud
3	Platt, Joseph H.	7	Rosenblum, Margaret
4	Sereno, Moses		

APPENDIX N—continued.

BURSARIES FOR SCHOLARS IN THE HIGHER ELEMENTARY SCHOOLS—continued.

Ducie Avenue Higher Elementary School.

1	Collins, Walter	8	Burns, Maggie
2	Cotterall, Albert	9	Eagles, Annie
3	Huff, Leonard	10	Hoult, Olive Gertrude
4	Leah, Walter Harold	11	Lewis, Isabel
5	Thomasson, George	12	Mowatt, Jessie
6	Thomson, Walter G. W.	13	Rippingham, May
7	Whittenbury, Harold A.	14	Warburton, Susan Ida

St. Margaret's Higher Elementary School.

1	Farmer, Gilbert George	4	Snowball, William
2	Hanning, Robert William	5	Teasdale, John Bertram
3	Hough, Clarence		

LANCASTERIAN SCHOLARSHIP (for Boys only).

Value £25 per annum, tenable for three years at the Manchester Grammar School.

First Year.

	Name	Previous School Attended
1	Smith, Sidney	Burgess Street Municipal School

LANCASTERIAN SCHOLARSHIP (for Girls only).

Value £25 per annum, tenable for three years at the Manchester High School for Girls.

First Year.

	Name	Previous School Attended
1	Simmonds, Florence...	Fallowfield and Ladybarn National School

THE McKERROW EXHIBITION (for Boys and Girls who intend to become Pupil Teachers).

Value £22 per annum, tenable for three years at the Municipal Secondary School.

First Year, awarded 1906.

	Name	Previous School Attended
1	Cannon, Margaret.....	Upper Lloyd Street Municipal School

APPENDIX N—continued.

FREE ADMISSIONS TO THE MUNICIPAL SECONDARY SCHOOL.

Awarded 1906.

	Name	School last atttended
1	Adlington, John	Holy Trinity, Blackley
2	Ashworth, Alfred	St Thomas', Crumpsall
3	Ashworth, Arthur R. G.....	High Lane Municipal and Chorlton National
4	Bailey, John	Burgess Street Municipal and Smedley Road Municipal
5	Barnett, Thos. Alfred	Ducie Avenue Municipal
6	Barton, George	Varna Street Municipal
7	Bell, Leonard Richard	Upper Lloyd Street Municipal
8	Bennett, Hector C.	St. Agnes', Birch
9	Boden, Ernest.....	Armitage Street Municipal
10	Clegg, Edward Leslie	Cheetham Municipal
11	Collinge, George	St. Thomas', Crumpsall
12	Cosgrove, Edward Thos.....	Mount Carmel, Blackley
13	Davies, Edwin.....	Varna Street Municipal
14	Downing, James	Moston Lane Municipal
15	Dunkerton, Norman Henry..	Ross Place Municipal
16	Dunlop, Jas. Wallace	Cheetham Municipal
17	Elliott, Geo. Henry.....	Burgess Street Municipal
18	Ellis, Chas. Herbert	Webster Street Municipal
19	Fletcher, Hyman.....	Southall Street Municipal
20	Frail, Cephas	St. Luke's, C.-on-M.
21	Garvie, James	Waterloo Road Municipal
22	Gleave, Walter	Ardwick Municipal
23	Hancock, Percy	Armitage Street Municipal
24	Hazell, John	Ardwick Municipal
25	Kronman, Harry.....	Manchester Jews'
26	Moore, Arthur.....	Cheetham Municipal and All Saints', Newton Heath
27	Oddy, Frank Wood.....	Moston Lane Municipal
28	Payman, Joseph	Cheetham Municipal and Marlborough Road, Salford
29	Plagerson, Saul	Marlborough Road, Salford
30	Price, Frank	Moston Lane Municipal
31	Rosenberg, Hyman	Southall Street Muncipal
32	Round, Wm. Henry	Varna Street Municipal
33	Sedgley, Thos. Wilson.....	Ducie Avenue Municipal
34	Singer, Moses	Manchester Jews'
35	Sipe, Ernest.....	Moston Lane Municipal
36	Smith, John	Burgess Street Municipal

APPENDIX N—continued.

FREE ADMISSIONS TO THE MUNICIPAL SECONDARY SCHOOL—continued.

Awarded 1906.

	Name	School last attended
37	Swales, William Anderson...	Culcheth Municipal
38	Turner, Arnold Edward	Ardwick Municipal
39	Vout, Walter	Webster Street Municipal
40	Wild, Joseph Chas.....	St. Mary's Road Municipal
41	Wilson, Wm. Arnold	St. Paul's, C.-on-M.
42	Wimbury, Fred	Ardwick Municipal
43	Wolstenholme, Lawrence ...	All Saints', Newton Heath
44	Yaffe, Simon	Southall Street Municipal
45	Bennett, Edith	Upper Jackson Street Municipal
46	Booth, Elsie.....	Culcheth Municipal
47	Chappell, Carmen	High Lane Municipal and Thomas Street Municipal
48	Cooper, Ruth Constance.....	Princess Road Municipal
49	Crompton, Elsie Maude	Princess Road Municipal
50	Firth, Marjorie	Ardwick Municipal and St. Agnes', Birch
51	Fitzsimmons, Elizabeth	Every Street Municipal
52	Gowan, Jessie	Ardwick Municipal
53	Haslam, Hilda.....	Crab Lane Municipal
54	Heeley, Dorothy Avis..... ...	St. Michael's, Hulme
55	Holliday, Ada Ethel	Mauldeth Road Municipal and Princess Road Municipal
56	Howard, Dorothy	Burgess Street Municipal and Albert Memorial
57	Jenkinson, Hilda.....	Upper Jackson Street Municipal
58	Jones, Ethel	Johnson Street Municipal
59	Jones, Melita	Ardwick Municipal and St. Thomas', Ardwick
60	Middlehurst, Adelena.....	St. Clement's, Openshaw
61	Moyes, Effie.....	Princess Road Municipal
62	Murgatroyd, Rose Marian ...	Ducie Avenue Municipal and St. Margaret's
63	Smith, Gertrude	St. Stephen's, C.-on-M.
64	Sudren, Alice	Culcheth Municipal
65	Sunderland, Mildred	Seymour Road Municipal
66	Swallow, Amy.....	St Stephen's, C.-on-M.
67	Taylor, Hilda	Culcheth Municipal
68	Thompson, Edith Alice	Webster Street Municipal
69	Tose, Lilian.....	Didsbury National
70	Tucker, Margaret.....	Ashton Old Road Municipal
71	Whittaker, Clarice	New Moston Municipal
72	Wigley, Lizzie.....	Princess Road Municipal
73	Wilde, Winifred.....	Ducie Avenue Municipal
74	Williams, Lilian Mary	Ducie Avenue Municipal

APPENDIX N—continued.

FREE ADMISSIONS TO THE MUNICIPAL SECONDARY SCHOOL,

With Cartwright Exhibitions of the value of £5 for 1 year.

(Awarded 1906.)

	Name	School at which Edueated
1	Bevan, Thomas	Webster Street Municipal
2	Breadon, Thomas Henry.....	Ardwick Municipal
3	Chandler, Frank Ewart	Ardwick Municipal

FREE ADMISSIONS TO THE MUNICIPAL SECONDARY SCHOOL,

With Lancasterian Exhibitions of the value of £5 for 1 year.

(Awarded 1906.)

	Name	School at which Edueated
1	Ashhurst, Arthur	St. Agnes', Birch
2	Duddle, Marion Elizabeth ...	Ducie Avenue Municipal
3	Thomson, Leah	St. Margaret's and Webster St. Mun.

FREE ADMISSIONS TO THE MUNICIPAL SECONDARY SCHOOL,

With Lancasterian Exhibitions of the value of £2 for 1 year.

(Awarded 1906.)

	Name	School at which Educated
1	Embleton, Annie.....	Ardwick Municipal
2	Francis, Mary Rae	Ducie Avenue Municipal
3	Jones, Margaret Elizabeth ...	Ducie Avenue Municipal

APPENDIX N—continued.

CARTWRIGHT EXHIBITION,

Value £5 for 1 year.

(Awarded 1906.)

	Name	School at which Educated
1	Harrop, Thomas	Burgess Street Municipal

FREE ADMISSIONS TO THE HIGHER ELEMENTARY SCHOOLS.

(Awarded 1906.)

ARDWICK HIGHER ELEMENTARY SCHOOL.

	Name	Where Educated
1	Airey, Sydney.....	Longsight Municipal
2	Binns, Leslie	St. John's, Longsight
3	Bower, Thomas H.	All Saints', West Gorton
4	Clegg, George Alfred	Thomas Street Municipal
5	Cooper, Walter	St. Agnes', Birch
6	Davies, Fred	Stanley Grove Municipal
7	Dixon, Albert Lewis	Stanley Grove Municipal
8	Fishwick, John Woods	Johnson Street Municipal and Openshaw Wesleyan
9	Garner, Richard	Stanley Grove Municipal
10	Hardman, Gilbert	Stanley Grove Municipal
11	Heyes, Francis Leslie	St. Agnes', Birch, and St. John's, Longsight
12	Lumbard, Harold	Stanley Grove Municipal
13	Moore, Ernest F. J.	St. Mark's, West Gorton
14	Smith, Albert	Johnson Street Municipal
15	Stretch, Thomas Wm.....	Longsight Municipal
16	Waller, John Raymond	Ardwick Municipal
17	Willis, Leslie John.....	Ardwick Municipal
18	Yeardye, Edgar	St. Chrysostom's
19	Allen, Amy.....	Ashton Old Road Municipal
20	Burrows, Mabel B.	Thomas Street Municipal
21	Fearnhead, Bertha	Openshaw National
22	Gibson, Harriet	St. Mark's, West Gorton
23	Kenyon, Nellie	Stanley Grove Municipal and St. Thomas', Ardwick
24	Logue, Edith Alice.....	Stanley Grove Municipal
25	Palmer, Marion Wilson	Stanley Grove Municipal and Brentnall Street, Stockport
26	Pearson, Charlotte E.....	Ardwick Municipal
27	Taylor, Dora Margaret.....	St. Agnes', Birch, and Fullarton House School
28	Thomas, Florrie	St. Paul's, C.-on-M.
29	Timmis, Ethel.....	Ashton Old Road Municipal
30	Turner, Mabel L.....	St. Agnes', Birch
31	Wharton, Gladys Sybil	Stanley Grove Municipal
32	Wynn, Annie Eaton	Ardwick Municipal

APPENDIX N—continued.

FREE ADMISSIONS TO THE HIGHER ELEMENTARY SCHOOLS—continued.

(Awarded 1906.)

Birley Street Higher Elementary School.

	Name	Where Educated
1	Barratt, Albert	Holland Street Municipal
2	Beckett, Harold	Holland Street Municipal
3	Croxton, Philip Lionel	Birley Street Municipal
4	Gibson, Walter	Birley Street Municipal
5	Marsh, Thomas	Birley Street Municipal
6	M'Nulty, Neil	Nelson Street Municipal
7	Perfect, Harold	St. Silas', Ardwick
8	Pierce, Robert	St. Luke's, Miles Platting
9	Shorrocks, Percival	Birley Street Municipal
10	Smith, Leonard	Birley Street Municipal and Seymour Road Municipal
11	Stanton, Wilfred	St. Bridget's
12	Webb, Charles Hurst	Seymour Road Municipal
13	Armstrong, Eliza Alice	Christ Church, Beswick
14	Armstrong, Elsie	Birley Street Municipal
15	Cheney, Rachel	Bank Meadow Municipal
16	Cummins, Florence May	St. Cross, Clayton
17	Derbyshire, Ethel	Birley Street Municipal
18	Edgerton, Emily	Birley Street Municipal
19	Edmondson, Ethel	Birley Street Municipal
20	Esilman, Phyllis	Seymour Road Municipal
21	Foulsham, Amy	Openshaw National
22	Hitchen, Bertha	Christ Church, Beswick
23	Moss, Ethel	Birley Street Municipal and Grange Street Municipal
24	Price, Norah	Birley Street Municipal
25	Whipp, Elizabeth	St. Jude's, Ancoats

APPENDIX N—continued.

FREE ADMISSIONS TO THE HIGHER ELEMENTARY SCHOOLS—continued.

(Awarded 1906).

CHEETHAM HIGHER ELEMENTARY SCHOOL.

	Name	Where Educated
1	Booth, Frederick Arthur.....	Crumpsall Lane Municipal and Clarendon Road Municipal
2	Cheetham, George Ralph	Crumpsall Lane Municipal and Mrs. Sharp's (Private)
3	Crozier, George	Crumpsall Lane Municipal and St. Thomas', Crumpsall
4	Erskine, John	St. Luke's, Cheetham
5	Exley, Charles.....	St. Thomas', Crumpsall
6	Greenberg, Solomon	Waterloo Road Municipal and Southall Street Municipal
7	Harvey, Edward Chas.	Albert Memorial
8	Hyde, Albert Bentley.....	Rhodes' Council School, Middleton
9	Jobling, Thomas	Marlborough Road Municipal, Salford
10	Kendall, Norman	Crumpsall Lane Municipal
11	Lloyd, Vincent	St. Mark's, Cheetham
12	Rhodes, Edgar G.	Albert Memorial
13	Robinson, Max	St. Luke's, Cheetham
14	Rutter, Fredk. Stanley	Clarendon Road Municipal and Cheetham Wesleyan
15	Sayle, Charles	St. Luke's, Cheetham
16	Swain, Harold...	Albert Memorial
17	Sykes, Alfred	St. Luke's, Cheetham
18	Benton, Florence Annie	St. Luke's, Cheetham, and Grecian Street, Salford
19	Bowers, Ethel	Moston British and St. Paul's, Bennett Street
20	Collins, Frida Elizabeth	St. Luke's, Cheetham, and Cheetham Collegiate
21	De Luce, Ambrosina	Broughton Street Municipal
22	Evans, Sarah Gwladys	Crumpsall Lane Municipal and Blackley Municipal
23	Farrell, Lucy	Crumpsall Lane Municipal and Clarendon Road Municipal
24	Furlong, Dorothy	Smedley Road Municipal and Christ Church, Harpurhey
25	Hogg, Edith Mary	St. Luke's, Cheetham
26	Kreivich, Irene	St. Mark's, Cheetham
27	Salem, Bona	St. Luke's, Cheetham
28	Smith, Dora Kate	St. Luke's, Cheetham
29	Wood, Bessie	St. Thomas', Crumpsall

APPENDIX N—continued.

FREE ADMISSIONS TO THE HIGHER ELEMENTARY SCHOOLS—continued.

(Awarded 1906.)

DUCIE AVENUE HIGHER ELEMENTARY SCHOOL.

	Name	School at which Educated
1	Adams, Norman	Ducie Avenue Municipal and All Saints', C.-on-M.
2	Bloom, Thos John	Longsight Municipal
3	Bowden, Herbert.....	Ducie Avenue Municipal and St. Hilda's, Old Trafford
4	Campin, Wilfred.....	Ducie Avenue Municipal and Fallowfield British
5	Cartlidge, Vincent M.....	St. John the Baptist
6	Coupe, Stanley	St. Paul's, Withington
7	Cummings, James	Bangor Street Municipal
8	Edwards, Thos. William.....	Upper Jackson Street Municipal and Mulberry Street Municipal
9	Foster, Albert	Ducie Avenue Municipal and St. Paul's, C.-on-M.
10	Gahan, Austin.....	St. John's, Deansgate
11	Gainham, Harry	Upper Lloyd Street Municipal
12	Goodwin, James W. P.	Manley Park Municipal and Urmston Higher Grade
13	Greenfield, Harry	Ducie Avenue Municipal
14	Harding, Harold.....	Embden Street Municipal
15	Isow, Harold	Bangor Street Municipal
16	Jones, Harold	Princess Road Municipal and Upper Jackson Street Municipal
17	Jones, Ivor Lloyd	Princess Road Municipal
18	Noble, Charles.....	Ducie Avenue Municipal
19	Nove, Samuel	Ducie Avenue Municipal
20	Parsons, Harold	St. Paul's, C.-on-M.
21	Perks, William Haworth	Upper Jackson Street Municipal
22	Rucker, Bert	Princess Road Municipal
23	Rylands, Frank	Upper Lloyd Street Municipal
24	Tilston, William Edward	St. John's, Longsight
25	Vesey, William Thomas	Upper Lloyd Street Municipal and St. Paul's, Withington
26	Willey, Walter	Didsbury Municipal
27	Waterman, Charles Eric.....	Bangor Street Municipal
28	Abbott, Edith	Manley Park Municipal and St. Margaret's
29	Adamson, Ethel L.	St. Stephen's, C.-on-M.
30	Allen, Mabel	Plymouth Grove Municipal
31	Barr, Maggie	St. Stephen's, C -on-M.
32	Beardsall, Annie	St. John's, Deansgate
33	Berry, May Louise	Ducie Avenue Municipal

APPENDIX N—continued.

FREE ADMISSIONS TO THE HIGHER ELEMENTARY SCHOOLS—continued.

(Awarded 1906.)

DUCIE AVENUE—continued.

	Name	School at which Educated
34	Dawson, Dorothy	Bangor Street Municipal
35	Findlay, Elsie Mabel	Upper Lloyd Street Municipal
36	Gourlay, Annie	Upper Lloyd Street Municipal and Ross Place Municipal
37	Greaves, Carrie Lowe	Upper Lloyd Street Municipal and St. Peter's, Levenshulme
38	Hallas, Edith	Cavendish Municipal
39	Humphreys, Henrietta	Ducie Avenue Municipal
40	Jackson, Annie	St. Stephen's, C.-on-M.
41	Jones, Ethel	Upper Lloyd Street Municipal
42	Joynson, Elsie.....	St. Mary's, Hulme
43	Knowles, Ethel Olive	Holy Trinity, Rusholme
44	Later, Jeannie	St. Stephen's, C.-on-M.
45	Latham Mabel.....	Upper Lloyd Street Municipal
46	Leahy, Ivy Francis.....	St. Paul's, C.-on-M.
47	Lees, Agnes W.	Princess Road Municipal
48	Lynch, Violet Gertrude	Ducie Avenue Municipal and Christ Church, Didsbury
49	Michaels, Louisa	Ducie Avenue Municipal
50	Moores, May	Ducie Avenue Municipal
51	Pearson, Lily May	Ducie Avenue Municipal
52	Phillips, Louisa	Ducie Avenue Municipal
53	Richardes, Lillie	St. Michael's, Hulme
54	Roberts, Alma.....	St. Paul's, C.-on-M.
55	Robinson, Sarah Mary	Upper Lloyd Street Municipal
56	Rothwell, Louisa.....	St. Michael's, Hulme
57	Shutt, Clarice Evelyn.....	Ducie Avenue Municipal
58	Skelton, May Ethel.....	Upper Lloyd Street Municipal
59	Stephens, Florence L.....	St. Paul's, C.-on-M.
60	Swinn, Ida Jessie	Upper Lloyd Street Municipal
61	Taylor Elsie Harriet	Ducie Avenue Municipal
62	Thomson, Nellie	Ducie Avenue Municipal
63	Wagstaff, Ruth	Princess Road Municipal
64	Williams, Kate	Ducie Avenue Municipal and Fallowfield British

ST. MARGARET'S HIGHER ELEMENTARY SCHOOL.

	Name	Where Educated
1	Lowe, Edward Joseph.....	Manley Park Municipal
2	Parsonage, George	St. Margaret's and St. Mary's, Hulme
3	Robinson, Arnold	Manley Park Municipal
4	Robinson, George	St. Margaret's
5	Slee, Robert N.	,, ,,
6	Tomkinson, Albert	,, ,,
7	Windle, Oscar	,, ,,

APPENDIX N—continued.

ALDERMAN GRANTHAM SCHOLARSHIPS.

Value £5 per annum, for 3 years; tenable at the Evening Classes of the Municipal School of Technology, or the Municipal Evening School of Commerce

First year (awarded 1906).

1	Ashton, George Henry	5	Jordan, Harold
2	Butterworth, Walter	6	Ogden, Samuel
3	Crossley, Herbert	7	Whincup, Sidney
4	Grundy, George Stanley		

LANCASTERIAN EXHIBITIONS.

Value £5, tenable for 1 year at the Higher Elementary Schools.
(Awarded 1906.)

	Name	Where Educated
1	Bexon, Vernon Broadbent ...	St. Margaret's, Whalley Range
2	Clark, Frank	St. Margaret's, Whalley Range
3	Falconer, Clarence Stanley...	St. Margaret's, Whalley Range
4	Fox, Lancelot John.....	St. Margaret's, Whalley Range
5	Kingshotte, William Arthur..	Ducie Avenue Mun. and Cavendish Mun.
6	Openshaw, Francis William ..	St. Margaret's, Whalley Range
7	Pollard, Pedr	St. Margaret's, Whalley Range
8	Single, George.....	Ducie Avenue Municipal
9	Williams, Arthur Shrewsbury	Ardwick Mun. and Stanley Grove Mun.
10	Wilkinson, Sidney Percival..	St. John's, Miles Platting, and Nelson Street Municipal

LANCASTERIAN EXHIBITIONS.

Value £2, tenable for 1 year at the Higher Elementary Schools.
(Awarded 1906.)

	Name	Where Educated
1	Ashley, Herbert John.....	St. Margaret's, Whalley Range
2	Griffiths, Henry Lionel	St. Margaret's, Whalley Range
3	Herring, William	St. Margaret's, Whalley Range
4	Heyes, Francis Leslie	St. Agnes', Birch, and St. Chrysostom's
5	Hitchen, Bertha	Christ Church, Beswick
6	Hilton, Maud	Ducie Avenue Municipal
7	Knott, Lucy	Ardwick Municipal and Longsight Wesleyan
8	Loewy, Hilda	Waterloo Road Municipal
9	Miniati, Doris	Ducie Avenue Municipal
10	Mylecraine, Wm. Hayes.....	St. Margaret's, Whalley Range
11	Pike, Herbert Oswald	St. Margaret's, Whalley Range
12	Tongue, Harold	Ardwick Municipal and St. Luke's, Cheetham

APPENDIX N—continued.

EVENING EXHIBITIONS.

Value £1, tenable at the Evening Classes of the Municipal School of Technology, Evening School of Commerce, Branch Commercial Evening Schools, and Branch Technical Evening Schools.

Second year (awarded 1905), tenable at the Evening Classes of the Municipal School of Technology.

1	Aldcroft, William	6	Renshaw, Joseph W.
2	Cheeney, William	7	Robinson, Horace
3	Gaunt, Albert	8	Shepherd, Herbert
4	Hatton, Alfred	9	Winter, George
5	Metcalfe, George	10	Hawsley, Wm.

Second year (awarded 1905), tenable at the Municipal Evening School of Commerce.

1	Adler, Max	6	Howes, H. E.
2	Booth, Annie	7	Levick, Edward
3	Cooke, Lena	8	Smith, G. W.
4	Hayes, Herbert	9	Ingram, Agnes
5	Hesselgrave, George H.	10	Grime, Thomas

First year (awarded 1906), tenable at the Municipal School of Technology.

1	Baker, Richard	14	Hopwood, Alan
2	Batty, Arthur G.	15	Hughes, Thomas
3	Burns, Robert	16	Layland, William H.
4	Calvert, Arthur E.	17	Midgley, John Herbert
5	Cherry, Alfred	18	Moorehead, Cyril John
6	Corden, William P.	19	Penlington, Percy
7	Cork, James	20	Phillips, Thomas Henry
8	Crossley, Fred	21	Roberts, Arthur
9	Clegg, George E.	22	Rowarth, Joseph V.
10	Davidson, Robert	23	Rigby, Harry
11	Dempsey, Fred	24	Shaw, William
12	Evenson, Harry	25	Smith, Fred R.
13	Holt, Harry	26	Teasdale, John

APPENDIX N—continued.

EVENING EXHIBITIONS—continued.

Tenable at the Municipal Evening School of Commerce.

1	Ashley, John	13	Knowlson, Charles H.
2	Banks, Ralph	14	Lassalle, Charles
3	Berry, Frederick	15	Leyland, William
4	Bower, Ralph	16	Lessar, Philip
5	Bundred, John E.	17	Mark, Isaac
6	Collinge, John Fred	18	Macbeth, Arthur
7	Coward, Tom	19	McClure, John
8	Demain, Alice	20	Midgley, George
9	Edwards, Lewis	21	Morrison, Kenneth D.
10	Griffith, Edwin	22	Smith, John
11	Hall, Ada	23	Sinclair, George William
12	Knott, Ernest	24	Turner, Wilfrid

Tenable at the Branch Technical Schools.

1	Aldred, Hugh	10	Laing, David
2	Atherton, Herbert	11	Manning, John
3	Barlow, Sydney	12	Meadowcroft, Joseph
4	Broderick, James	13	Mulryan, John
5	Cousen, Thomas H.	14	Nield, Ernest Duncan
6	Cowie, John A.	15	Selby, William
7	Curtis, Harry	16	Swindells, John
8	Finch, John Thomas	17	Ward, Edward
9	Hughes, Charles	18	Watson, James

Tenable at the Branch Commercial Schools.

1	Beesley, Herbert	8	Mullinor, Walter
2	Carley, Joseph	9	Phillips, John
3	Collier, Sidney	10	Stringer, John A. D.
4	Fraser, George	11	Swindells, Herbert
5	Jordan, Thomas Edward	12	Warburton, Thomas
6	Jowett, Joseph	13	Wright, George Alfred
7	Marklew, George		

APPENDIX N—continued.

EVENING ART EXHIBITIONS.

Giving Free Tuition for One Session at the Evening Classes of the Municipal School of Art (awarded 1906*).*

	Name	Evening School Attended
1	Allen, Albert	Birley Street Evening School
2	Darlington, Margaret	Ardwick Evening School
3	Davies, Roy	Ducie Avenue Evening School
4	Hoyle, Minnie.....	Openshaw Evening School
5	Hughes, Herbert.....	Moss Side Library Classes
6	Lightowler, Gilbert.....	Moss Side Library Classes
7	Muncaster, William	Ardwick Evening School
8	Paton, David	Moss Side Library Classes
9	Pemberton, Oswald...	Moss Side Library Classes
10	Rathbone, Jessie.....	Openshaw Evening School

DAY ART STUDENTSHIPS.

Giving Free Tuition for One Session at the Day Classes of the Municipal School of Art (awarded 1906*).*

1	Ashton, Ethel	4	Shaw, Mary
2	Donaldson, Elizabeth	5	Sutcliffe, Norman
3	Gibbons, Tom		

EVENING ART STUDENTSHIPS.

Giving Free Tuition for One Session at the Evening Classes of the Municipal School of Art (awarded 1906*).*

1	Ashworth, J. H.	6	Floyd, J. A.
2	Cairns, E.	7	Milner, J.
3	Crossley, J.	8	Russell, Jessie
4	Helliwell, Fannie	9	Cawley, T.
5	Heaton, J. H.		

APPENDIX O.

Manchester Education Committee.

CURRICULA

FOR

Public Elementary Schools.

1906.

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MANCHESTER EDUCATION COMMITTEE.

CURRICULA

FOR

PUBLIC ELEMENTARY SCHOOLS.

The following pages deal with Secular Instruction for (*a*) Infants and (*b*) Older Scholars in the Public Elementary Schools of the City.

In addition to the various subjects considered therein, the Committee have decided with regard to the following matters :—

School Year.

That the School Year, instead of ending on the 30th June as heretofore, shall end on the 31st July.

Special Lectures, etc.

That the instructions by the Committee's Lecturer on the "Care of Infants" shall be maintained, and that facilities shall be given for the continuance of lectures on Temperance.

Use of Public Baths.

That the Scholars shall take advantage, as far as possible, of the opportunities afforded by the Public Baths of the City, and that the teaching of Swimming be encouraged.

Time Tables.

That all Time Tables must be signed by the Committee's Inspector before submission to H. M. Inspector.

I.—Religious Instruction:—

The Committee's scheme of Religious Instruction in Municipal Schools is printed separately.

II.—Secular Instruction:—

(a)—Infants.

Note.—*In the following directions it is assumed that Infant Schools are divided into two groups—Lower and Upper.*

Lower Group (Babies)—All work here should be regarded as of a recreative character. The lessons should be short, and largely consist of Occupations.

Upper Group—Instruction for Infants over 5 years of age.

General Principles underlying the Scheme of Instruction herein set forth.

1. The child: his needs, abilities, and interests should be considered rather than the subjects of instruction.
2. Prominence should be given to those lessons where *training* rather than imparting instruction is involved—*i.e.*, we *open* the mind rather than store it; for this reason, nature and conversational lessons and drawing find an important place. Activity and the guiding of growth and development on natural lines is the spirit of infants' schoolwork.
3. Short lessons are best: change and variety are the necessary conditions of child-life.
4. Physical and mental exercises should alternate both for educational and hygienic reasons.
5. Lessons making the greater demand on the mental powers should follow the recreation, and should be given in the forenoon rather than in the afternoon.
6. Prominence is given to "language" lessons: learning "to speak" is of more importance in early childhood than mere accuracy in reading.
7. Arithmetic or Number Lessons, in the earlier stages especially, should consist almost, if not entirely, of concrete and practical work.
8. The work should, as far as possible, be correlated—*e.g.*, Nature Lessons, Songs, Occupation, Drawing, etc.
9. Full attention should be paid to the hygienic conditions of sitting—*e.g.*, Posture, Light, Change, etc.

10. Needlework should be excluded from an Infants' School except in the 1st class, viz., the higher division of the upper group. It is a waste of time to spend hours in teaching children by drudgery what they will learn easily and with pleasure a year or two later.

Where needlework is taught in the 1st class the material should be coarser and the needles larger than have hitherto been used, and larger stitches should be encouraged. Eye straining is very noticeable in young children engaged in needlework.

11. The example of the Time Table (page 4) is not given as a rigid model, but, having regard to the needs of a town like Manchester, it is a possible and suitable one—always providing for its adaptation to meet special cases.

It should provide for at least one lesson a day in reading, writing, and number. (Such lessons are best given in the morning.)

The Time Table is not intended to apply to the children under five years of age, where no formal teaching in reading, writing, and arithmetic should be attempted, and where the following exercises, interspersed with play, would be suitable:—

Special Subjects for Children under Five Years of Age.

1. Sounds of letters, letter games.

2. Number games, with varied material as ninepins, balls, counters, shells, beads, etc.

3. Drawing on large surfaces with chalk or with pointers in sand.

4. Colour work of various kinds.

5. Sticklaying, making pictures of objects.

6. Building with bricks.

7. Sorting objects for number, colour, shape.

8. Singing, recitations, organised games.

9. Modelling in clay of objects talked of and from models shown.

10. Doll-dressing, setting the table, making the bed, furnishing doll's house.

11. Ball games for physical exercise. No formal drill to be given to babies.

12. Other subjects approved by the Committee.

By these exercises, and many others not specified, the children would gain much information unconsciously, and what is more important they would be well trained for more regular and formal work afterwards.

TIME TABLE.

Infants 5 to 7 years—Morning

	** 9—9-30	9-30—9-50	9-50—10	10—10-5	10-5—10-30	10-30—10-45	10-45—11-15	11-15—11-30	11-30—12
Monday ...	Religious Instruction	Story (1)*	Registration etc.	Movement Exercises	Number Exercises	Recreation	Reading Type or Script	Recitation	Writing
Tuesday ...		Nature Lesson (2)*						Singing	
Wednesday.								Recitation	
Thursday...		Talks on General Subjects of Interest (2)*						Drill	
Friday.....								Singing	

* The Figures refer to the number of Morning lessons for the week.

Afternoon.

	2—2-20	2-20—2-30	2-30—3	3—3-10	3-10—3-30	3-30—4	4—4-20	** 4-20—4-25	4-25—4-30
Monday	Recitation (1)*	Registration, etc.	Drawing B. and G. (3)*	Recreation or Movement Exercises	Nature Lessons (3)*	Expression Lesson or Varied Occupation	Games (2)*	Singing and Prayers	Dismissal
Tuesday ...							Recitation (1)*		
Wednesday..	Word Building (2)*		Needlework (G)*		Drill (2)*		Singing (1)*		
Thursday ...	Number Exercises (2)*		Drawing (B) (2)*				Physical Exercise (1)*		
Friday									

* The Figures refer to the number of Afternoon lessons for the week.

** N.B.—The times here stated for Religious Instruction and Exercises are for Municipal Schools. Some modification of the Time Table will be required in Non-Provided Schools where the time devoted to Religious Instruction differs from that given here.

APPENDIX O—continued.

Synopsis of Time.

	Time. Minutes.
Religious Instruction	175*
Nature Lessons	100
Stories	20
Registration, etc.	100
Number	165
Recreation	125
Reading and Wordbuilding	190
Recitation	70
Drill	75
Movement Exercises	25
Games	40
Writing	150
Drawing	90
Drawing and Needlework	60
Occupations	150
Singing	50
General Subjects (for conversation)	40
Dismissal	25
	1650

Hours:—9-0 a.m. to 12-0 ... 3 hours.
2-0 p.m. to 4-30 ... $2\frac{1}{2}$ hours.

Daily..... $5\frac{1}{2}$ hours.

Total per week ... $27\frac{1}{2}$ hours = 1650 minutes.

* This time (175 minutes) is for Municipal Schools. See footnote on previous page.

APPENDIX O—continued.

(b)—*Older Scholars.*

NOTE.—*For the average School, a suitable and convenient organisation would divide the School into three groups, each sub-divided into upper and lower divisions, thus:—*

Lowest Group—Lower and Upper Divisions corresponding to the present Standards I and II. The instruction to be co-ordinated with that of the Infant Schools.

Middle Group—Lower and Upper Divisions corresponding to the present Standards III and IV.

Highest Group—Lower and Upper Divisions corresponding to the present Standards V, VI, and VII.

The course of instruction to be so planned that the work in a lower group shall suggest and lead up to that of the next higher group.

General Principles underlying the Scheme of Instruction herein set forth.

1. The ages of the children in the various groups should be considered in arranging the length of lessons; thus, the lessons for younger children should be of shorter duration than those for older children.

2. In dealing with the requirements of the younger children, English (including Reading, Speaking, Composition, Spelling, Recitation, Grammar, Penmanship) and training in simple observation are of paramount importance, whilst, on the other hand, with the Seniors more time will be devoted to Mathematics and Elementary Science (including, in the case of girls, Domestic Science).

3. In the lowest group, the training of the Infant School should be continued by means of simple occupations in Clay Modelling, Brush-Work, Paper-Cutting, etc., correlated as far as possible with the Nature Study Lessons, etc.

4. Mathematical training in the upper divisions should not necessarily be confined to Arithmetic, but might well include the elements of Algebra, Mensuration, and Geometry.

5. The Concrete Arithmetic of the Infant School might well be continued in the lowest group, giving place gradually to abstract work in the middle and highest groups. Arithmetic should include written, oral, and mental exercises, also practical work in measuring and weighing.

APPENDIX O—continued.

6. Object lessons should lead to definite Science teaching in the highest group, where Simple Experimental Physics, etc., might be taught.

7. Girls in the highest group should have definite training in Household Management—(Cookery, Laundry, Home Nursing).

8. The time allotted to Needlework would gradually increase from that given in the Infants School to a maximum—2 hours per week—in the highest group.

9. Greater attention should be paid to Drawing, and other subjects must not be allowed to interfere with the time allotted to Drawing.

 It is suggested that for Girls the severer forms of Drawing—*e.g.*, Geometrical and Constructive—might be omitted, and Drawing taken only so far as the same is of value as a training of the hand and eye, and in habits of accuracy, neatness, and thought. Thus the time allotted to Drawing might in the case of Girls be distributed evenly over Drawing and Needlework, and so time be found for both subjects; the additional time required for Needlework in the highest group could be found while the boys are engaged in Algebra, etc.

10. The following Regulations should be carried out :—

 1. The Physical Exercises taught in all the Public Elementary Schools of Manchester are to be those contained in the Committee's Manual.

 2. Teachers will be responsible for their own Classes, which should be exercised separately. In suitable weather the children will be drilled in the playground; in inclement weather in the schoolroom—omitting, of course, those movements of the feet which cannot be performed between desks.

 3. Where the period of sixty minutes allotted to Physical Exercise is divided into more than *two* lessons, at least *two* lessons must be of not less than twenty minutes' duration.

 4. Should the Principal Teacher desire playground games to be taught, not more than one-fourth of the physical exercise time may be utilised for this purpose. The whole of the class to take part in the games under the supervision of the Class Teacher.

 5. The Committee's Inspectors will regularly record in their reports the state of the Physical Instruction.

APPENDIX O—continued.

SUGGESTED CURRICULUM.

NOTE.—*Many conditions, such as Staff, Number of Class-rooms, Organisation (as Boys, Girls, Mixed), will govern the Curriculum and the allocation of time to the various subjects in each school. The following is suggestive, and not intended as a rigid model, but it is a possible scheme—always providing for its adaptation to meet special conditions.*

Time at disposal.

Working hours per week	27 hrs.	30 mins.
Of these—		
(a) Religious Instruction and Registration...	4 hrs.	10 mins.*
(b) Afternoon Registration		25 mins.
(c) Recreation	2 hrs.	5 mins.
(d) Physical Exercises	1 hr.	0 mins
	7 hrs.	40 mins.
Leaving for Secular Instruction.....	19 hrs.	50 mins.

Lowest Group.

1. English.—Reading, Conversational Lessons, Spelling, Writing, Composition (oral and written, leading up to Grammar), Recitation of Simple Poems by good authors, about 10 hours.

2. Arithmetic (Application of Tables, oral and written work), about 3 hours.

3. Class Subjects—Grammar, History, Needlework, Singing, Drawing, Hand and Eye Occupations, Geography (Local, Globe, and Simple definitions, etc.), about 5 hours.

4. Nature Knowledge, and Observation Lessons, including Occupations related thereto, about $1\frac{5}{6}$ hours.

Middle Group.

Here the time devoted to English, Mathematical, and Class Subjects should be more evenly distributed than in the Lower Group; a preparation should be made for the greater attention to Elementary Science and Mathematics to be given in the Highest Group, thus:—

1. English (for subjects, see Lowest Group)—about 8 hours.

2. Arithmetic (to include practice in estimating height, length, weight, measures, etc.)—4 hours.

3. Class Subjects (Geography to include the British Isles)—6 hours.

4. Nature Study and Observation Lessons—$1\frac{5}{6}$ hours

* See footnotes on pages 128 and 129.

APPENDIX O—continued.

Highest Group.

1. English—(*a*) Literature—Reading—(Geography, History, Citizenship, etc.); (*b*) Penmanship; (*c*) Composition on Simple Subjects, Letter Writing, etc.; (*d*) Grammar; (*e*) Recitation—7⅓ hours.

2. Mathematics—(*a*) Arithmetic—General (Theory of simple operations, Commercial Applications); (*b*) Geometry, Mensuration, and Elements of Algebra—5½ hours.

3. Class Subjects—(*a*) Geography—General, particularly Greater Britain (*e.g.*, Physical, Industrial, etc.: Relation to Commerce and the Chief Trade Routes); (*b*) History; (*c*) Drawing and Needlework; (*d*)* Domestic Cookery, Laundry; (*e*)* Manual Instruction; (*f*) Singing—5½ hours.

* *Note.*—(*d*) and (*e*) will have to be taken as partly substitutional subjects for girls and boys respectively.

4. Elementary Science—

(*a*) Boys—Elementary Science; schemes to be approved by the Committee.

(*b*) Girls—Household Management, 1½ hours.

Special arrangements might be made for Scholars in the Upper Division of the highest group whereby increased attention could be given to subjects in (*d*) and (*e*) Class Subjects during the last six months or so of the school-life.

Note.—Other subjects, including Languages, may be introduced with the sanction of the Committee.

CHARLES HENRY WYATT,

Director of Elementary Education.

February, 1906.

APPENDIX P

READING IN THE UPPER CLASSES OF THE PUBLIC ELEMENTARY SCHOOLS.

The object of the appended Scheme is to bring about an improvement in the quality of the reading in the upper classes of the public elementary schools of the City—gradually to lead the children to the study and intelligent appreciation of English literature, and, by the assistance of the National Home Reading Union and the Free Libraries, to continue the work of the schools by inducing children to read suitable books at home.

By these means it is hoped to increase the intelligent use of books, and so to improve the range of thought and the powers of composition of the scholars of the public elementary schools.

By means of the Scheme it will be possible to extend the introduction into the schools of the reading of complete books, instead of the books of extracts (known as " class readers "), which are not entirely satisfactory, and which are frequently lacking in connected explanations.

Whilst the teaching of reading will, it is believed, be more effectively carried out, and the interest of the children encouraged, it is not anticipated that the cost will be greater than that now incurred.

Approved by the Education Committee,

CHARLES HY. WYATT,

Director of Elementary Education.

16*th July*, 1906.

APPENDIX P—continued.

SCHEME.

1. That the Committee become affiliated with the National Home Reading Union.

2. That the highest division in each school (Old Standards V., VI., and VII.—three, or in the case of small schools two, distinct classes) form part of a Reading Group.

3. That the schools be arranged in units of 6 to form a Group.

4. That the Committee undertake to pay the annual subscription of 1s. 6d. in the case of each school, so that the recommended list of books and the Monthly Magazine (for suggestion and guidance in the reading) may become available for the teachers of the schools.

5. That in the place of the ordinary readers now supplied to the senior scholars, each Group—*i.e.*, each unit of 6 schools—be annually provided with a supply of 7 books for circulation in the schools forming the Group, the same to be taken generally from the Union's list, and to be selected and submitted for the approval of the Committee in the month of July in each year, as follows:—

 One book, Poetry or Drama.—Sufficient copies to be supplied to each school forming the Group, and to be the permanent stock of the school for that year for the study of English generally (*i.e.*, literature, literary aspect and characteristic style, language, grammar, etc.). From this book the recitation for the year shall be taken.

 Four books to be correlated with the course of study in Geography, History, and Natural History. (Six dozen copies of each book to be supplied to each Group.)

 Two books, Fiction and Romance. (Six dozen copies of each book to be supplied to each Group.)

6. That the last six books of the above be exchanged between the schools in the Group bi-monthly, in accordance with an approved plan of circulation, the books in use in a school at the end of the year to become the property of that school.

7. That the children be encouraged to purchase, wherever possible, a copy of at least one of the chosen year books for the purpose of home reading.

8. That the Head Teacher be invited to hold a weekly informal conversation lesson on the subject of the children's private reading, and to encourage them to make as good a use as possible of the Free Library.

Result.—By these means each child, at the end of its school career, will have (*a*) studied, from the purely literary side, one standard poem or drama each year—*i.e.*, three in the three years; (*b*) read in each year six standard works on travel, history, natural history, fiction, and romance—*i.e.*, eighteen standard works in the three years.

APPENDIX P—continued.

SUGGESTED LIST OF BOOKS.

I.—Lowest Division (Old Standard V.).—

(*a*) Poetry	Selection from Scott's, Tennyson's, or Wordsworth's Poems.
	1 to be chosen.
(*b*) Books correlated with Geography, History, and Natural History.	"Captain Cook's Voyages."
	Nelson's "History of Lancashire."
	Defoe's "Robinson Crusoe."
	Marryat's "Children of the New Forest."
	Buckley's "Birds of the Air."
	Creighton's "History of England."
	4 to be chosen.
(*c*) Fiction and Romance ..	"Alice in Wonderland."
	Anderson's "Fairy Tales."
	Stevenson's "Treasure Island."
	Dickens' "David Copperfield."
	2 to be chosen.

II.—Middle Division (Old Standard VI.).—

(*a*) Poetry	Goldsmith's "Traveller," "Deserted Village," or Gray's "Elegy."
	1 to be chosen.
(*b*) Books correlated with Geography, History, and Natural History	Kipling's "Jungle Book."
	Burnaby's "Ride to Khiva."
	Buckley's "Wild Life in Woods and Fields."
	Finnemore's "Children of the Empire."
	4 to be chosen.
(*c*) Fiction and Romance ..	Scott's "Ivanhoe."
	Dickens' "A Tale of Two Cities" and "Nicholas Nickleby."
	Kingsley's "Greek Heroes."
	2 to be chosen.

III.—Highest Class (Old Standard VII.).—

(*a*) Poetry or Drama	Macaulay's "Lays of Ancient Rome."
	Shakespeare's "Merchant of Venice."
	"Julius Cæsar."
	"Henry V."
	1 to be chosen.
(*b*) Books correlated with Geography, History, and Natural History.	Burrough's "Squirrels and other Fur Bearers."
	Henty's "Gallant Deeds."
	Brassey's "Voyages in The Sunbeam."
	Brougham's "Life of Wellington."
	Kingsley's "Hereward the Wake."
	Lamb's "Adventures of Ulysses."
	Macaulay's "Essays."
	4 to be chosen.
(*c*) Fiction and Romance ..	Dickens' "Christmas Carol."
	Scott's "Talisman," "Kenilworth," "Guy Mannering," and "Peveril of the Peak."
	Ruskin's "King of the Golden River."
	2 to be chosen.

APPENDIX Q.

Manchester Education Committee.

SCHEME

OF

Religious Instruction

IN THE

MUNICIPAL PUBLIC ELEMENTARY SCHOOLS.

SCHEME OF RELIGIOUS INSTRUCTION.

Religious Instruction.

(1) In Infants' Schools 9 to 9-30 a.m.—Schools for Older Scholars 9 to 9-45 a.m.—shall be occupied with Singing, Prayer, and Religious Instruction, and five minutes at the close of the afternoon teaching shall be devoted to Singing and Prayer.

(2) The Hymns and Forms of Prayer used in the Schools of the Committee shall be taken exclusively from the Authorised Hymn Book and Schedule III.

(3) The Religious Instruction shall consist of a graduated course of teaching, as per Schedule I., page 139, to be carried on by means of oral instruction, passages of Scripture committed to memory, and suitable exercises in reading or writing.

(4) When any children are withdrawn from Religious Instruction, provision shall be made for their instruction in secular subjects during the time of such religious teaching.

Examinations.

(1) Of Schools :—

The examination shall be conducted during the hours set apart for religious instruction, on the same lines and days as those taken for the examination in secular subjects, and on such other days as may seem necessary, the work to be divided into quarterly portions, and Record Books to be kept by the principal teachers. Schools in which there is any weakness of instruction are to be reported to the School Managers, and the Inspectors, if so instructed, shall hold an examination of such schools before the close of the year on a day specially set apart for the purpose. The Inspectors shall also examine, each year in the month of May, at least ten per cent. of the departments in the manner at present in force—the departments to be chosen by hazard or in such manner as will allow of examination any year.

Schedule I.—Plan of Religious Instruction during each year for the Scholars in the Manchester Municipal Public Elementary Schools.

	TO LEARN BY HEART.	SCRIPTURE INSTRUCTION.	SCRIPTURE EXERCISES.
INFANTS.			
Lowest Group.....	Three Hymns	Six Bible Stories, illustrated from pictures.	
Middle Group.....	Three Hymns and twelve Simple Texts	Life of Joseph, Call of Samuel, Birth of Christ, Visits of Wise Men and Shepherds.	
Highest Group	Six Hymns and Moral Songs Any twelve seleeted Texts (Sehedule II.) Lord's Prayer.	Old Testament as in Middle Group, with offering up of Isaac, and early lives of Moses and Daniel. New Testament as in Middle Group, also Christ's Death and Resurreetion, One Miracle, One Parable.	
STANDARD I.	At least twenty verses selected from the present colleetion of passages, Lord's Prayer, The Commandments (exeepting the seeond and fourth), four Hymns, The Responses in Opening and Closing Services (Schedule III.)	Old Testament—Lives of Abraham, Isaac, Jaeob, Joseph. New Testament—Life of Christ aceording to S. Matthew's Gospel.	
STANDARD II.	Three Psalms and Three Parables (the latter to be chosen from the Gospel being studied), Lord's Prayer, Ten Commandments, and Six Hymns.	Old Testament—Early Life of Moses, and History of Israelites to the exodus from Egypt. New Testament—Life of Christ according to St. Mark's Gospel.	
STANDARD III.....	Three Additional Psalms and Parables (the latter to be chosen from the Gospel being studied). Lord's Prayer, The Ten Commandments, and Six Hymns.	Old Testament—Full lives of Moses and Aaron, with history of Israelites to the death of Moses. New Testament—Outlines of St. Luke's Gospel.	Illustrations from Holy Scripture of the observance or breach of the Ten Commandments.
STANDARD IV.	Four Psalms and I. Corinthians xiii. Lord's Prayer, The Ten Commandments, and Six Hymns.	Old Testament—Entrance into and possession of Canaan by the Israelites, with lives of Joshua, Deborah and Barak, Gideon, Eli and Samuel. New Testament—Acts, chapters i.—xiii.	The Petitions of the Lord's Prayer exemplified by other passages of Holy Scripture.
STANDARD V.	Six Psalms, The Beatitudes, and either *St. John xv., or *Ephesians vi., Lord's Prayer, The Ten Commandments, and Six Hymns.	Old Testament—Lives of Saul and David, with historical ineidents conneeted therewith. New Testament—Aets, chapters xiv. to end.	The Petitions of the Lord's Prayer exemplified by other passages of Holy Scripture.
STANDARD VI., VII...	Six Psalms, The Beatitudes, and either *St. John xv. or *Ephesians vi., Lord's Prayer, The Ten Commandments, and Six Hymns.	Old Testament—The disruption of Israel ; the lives of Solomon, Rehoboam, Jeroboam, Elijah, Elisha, Ahab, Jehu, Hezekiah, Josiah, Daniel. New Testament—The life of Christ aeeording to the four Evangelists.	The Petitions of the Lord's Prayer exemplified by other passages of Holy Seripture.

* Head Teaehers may select alternative passages subject to the approval of the Inspector.

APPENDIX Q—continued.

Schedule II.

Alphabet of Texts.

A soft answer turneth away wrath : but grievous words stir up anger.—Prov. xv. 1.

Bear ye one another's burdens, and so fulfil the law of Christ.—Gal. vi. 2.

Children, obey your parents in the Lord : for this is right.—Eph. vi. 1.

Depart from evil and do good ; seek peace, and pursue it.—Ps. xxxiv. 14.

Enter not into the path of the wicked, and go not in the way of evil men ; avoid it, pass not by it, turn from it and pass away.—Prov. iv. 14, 15.

Fear not, little flock, for it is your Father's good pleasure to give you the Kingdom.—Luke xii. 32.

God so loved the world, that He gave His only begotten Son, that whosoever believeth on Him should not perish, but have everlasting life.—John iii. 16.

How much better is it to get wisdom than gold, and to get understanding rather to be chosen than silver.—Prov. xvi. 16.

I love them that love Me, and those that seek Me early shall find Me.—Prov. viii. 17.

Jesus saith unto him, I am the Way, the Truth, and the Life : no man cometh unto the Father but by Me.—John xiv. 6.

Keep thy tongue from evil, and thy lips from speaking guile.—Ps. xxxiv. 13.

Love not the world, neither the things that are in the world : if any man love the world, the love of the Father is not in him.—1 John ii. 15.

Make me a clean heart, O God, and renew a right spirit within me.—Ps. li. 10.

Not every one that saith unto me, Lord, Lord, shall enter into the Kingdom of Heaven ; but he that doeth the will of My Father which is in Heaven.—Matt. vii. 21.

Open Thou mine eyes, that I may behold wondrous things out of Thy law.—Ps. cxix. 18.

APPENDIX Q—continued.

Alphabet of Texts—continued.

Pray to thy Father which is in secret, and thy Father which seeth in secret shall reward thee openly.—Matt. vi. 6 pt.

Quench not the Spirit. Prove all things; hold fast that which is good.—1 Thess. v. 19, 21.

Remember now thy Creator in the days of thy youth, while the evil days come not, nor the years draw nigh, when thou shalt say, I have no pleasure in them.—Eccles. xii. 1.

Suffer little children, and forbid them not, to come unto Me, for of such is the Kingdom of Heaven.—Matt. xix. 14.

The eyes of the Lord are in every place, beholding the evil and the good.—Prov. xv. 3.

Unto us a Child is born, unto us a Son is given, and the government shall be upon His shoulder, and His name shall be called Wonderful, Counsellor, the Mighty God, the Everlasting Father, the Prince of Peace.—Isaiah ix. 6.

Verily I say unto you, Whosoever shall not receive the Kingdom of God as a little child, he shall not enter therein: and He took them up in His arms, and put His hands upon them and blessed them.—Mark x. 15.

We have seen and do testify that the Father sent the Son to be the Saviour of the world.—1 John iv. 14.

Ye are all the children of light, and the children of the day: we are not of the night, nor of darkness; therefore let us not sleep as do others, but let us watch and be sober.—1 Thess. v. 5, 6.

Zealous of good works. Serving the Lord.—Titus ii. 14 pt., Rom. xii. 11 pt.

Remarks on Subjects of Examination.

The children should not only learn to repeat the portion assigned, but should also be able to answer simple questions on the same.

Standard III. to write out all their Repetition with the exception of the Hymns and Morning and Evening Prayers.

Standard IV. to write out all their Repetition with the exception of the Hymns and Morning and Evening Prayers.

Standards V. to VII. to answer questions on paper on the subject matter of their Scripture Instruction and Exercises, and to write out repetition as in Standards III. and IV.

APPENDIX Q—continued.

Schedule III.

Prayers.

I.—*Morning Prayer.*

(All standing.)

T. O Lord, the day is Thine, the night also is Thine. Thou hast prepared the light and the sun.—Ps. lxxiv. 16.

S. I laid me down and slept ; I awaked for the Lord sustained me.—Ps. iii. 5.

T. O God, Thou art my God, early will I seek Thee.—Ps. lxiii. 1.

S. My voice shalt Thou hear in the morning, O Lord ; in the morning will I direct my prayer unto Thee and will look up.—Ps. v. 3.

T. Cause me to hear Thy loving kindness in the morning ; for in Thee do I trust.—Ps. cxliii. 8.

S. Cause me to know the way wherein I should walk ; for I lift up my soul unto Thee.—Ps. cxliii. 8.

Let us pray.

(All kneeling.)

Almighty and most merciful Father who hast safely brought us to the beginning of this day, keep us in the same by Thy mighty power, watch over us for good, preserve us in our going out and coming in, and may all our ways be pleasing in Thy sight.

S. Hear us, good Lord.

O merciful Father, forgive we pray Thee our past sins and negligences, and grant us the grace of the Holy Spirit to renew our hearts, that we may amend our lives according to Thy Holy Word, through Jesus Christ our Lord.

S. Hear us, good Lord.

O God the Fountain of all wisdom teach us to know Thee in the days of our youth, and may we be made wise unto salvation.

S. Hear us, good Lord.

Bless, O Lord, in mercy all our dear parents, relations, teachers, schoolfellows, and friends ; may we be kind one to another, and so live together in this life that in the world to come we may have life everlasting. We ask all in the name of Jesus Christ our Lord, who hath taught us when we pray to say—

"*Our Father,*" *&c.*

The grace of our Lord Jesus Christ, and the love of God, and the fellowship of the Holy Ghost, be with us all evermore. Amen.

APPENDIX Q—continued.

II.—*Evening Prayer.*

(All standing.)

T. O magnify the Lord our God, and fall down before His footstool, for He is Holy.

S. O Thou that hearest prayer, unto Thee shall all flesh come.

Let us pray.

(All kneeling.)

T. Lord, hear our prayer.

S. And let our cry come unto Thee.

T. Remember, O Lord, Thy tender mercies.

S. For they have been ever of old.

T. Remember not the sins of our youth.

S. But pardon our iniquity, for it is great.

T. Create in us a clean heart, O God.

S. And renew a right spirit within us.

T. O Heavenly Father, we thank Thee for all Thy mercies during this day, and all our lives hitherto ; we bless Thee for our food and clothing, our health and strength, our kind friends and teachers, and all the benefits of Thy hand, but above all for Thy Holy Word and the knowledge of Thy grace and mercy in our Saviour, Jesus Christ. May we praise Thee both with our lips and in our lives, and serve Thee better day by day.

S. Hear us, good Lord.

T. Preserve us, O Lord, during the coming night from all harm to our bodies, and from all evil thoughts which may hurt our souls. Be Thou ever our Shield and Defender.

S. Hear us, good Lord.

T. We commend to Thy kind care all whom we love, and pray Thee to take us all into Thy holy and safe keeping, through Jesus Christ our Lord, who hath taught us to pray, saying—

"*Our Father*," *&c.*

The Lord bless us, and keep us ; the Lord lift up the light of His countenance upon us, and give us peace, now and for evermore. Amen.

The Responses may be sung or said ; or, the Prayers may be used without the Responses.

In Infants' Schools, the Teachers may use the whole or any portion of the above Prayers.

III.—*Morning Prayer for a Child.*

Almighty and most merciful Father, who hast safely brought me to the beginning of another day, keep me from all harm by Thy mighty power, preserve me in my going out and in my coming in, and may all my ways be pleasing in Thy sight.

Forgive all my past sins and negligences, and grant me the grace of Thy Holy Spirit that I may amend my life according to Thy Holy Word. Teach me to know Thee in the days of my youth, that I may be made wise unto salvation.

Bless, O Lord, in mercy my parents, brothers, sisters, relatives, and friends; may we be kind one to another, and so live together in this life that in the world to come we may have life everlasting. I ask all through Jesus Christ our Lord.

"*Our Father*," *&c.*

IV.—*Evening Prayer for a Child.*

O Heavenly Father, I thank Thee for all Thy mercies during the past day and all my life hitherto. I bless Thee for my food and clothing, for health and strength, for parents, teachers, and friends, and for all the benefits of Thy hand; but above all for Thy Holy Word and for the knowledge of Thy grace and mercy in our Saviour Jesus Christ. Help me to praise Thee with my lips and in my life, and to serve Thee better day by day.

Forgive all that Thou hast seen amiss in me this day in thought, word, or deed. Remember not the sins of my youth. Create in me a clean heart, O God, and renew a right spirit within me.

Preserve me, O Lord, during the coming night from all harm to my body, and from all evil thoughts which may hurt my soul. Be Thou my Shield and Defender.

I commend to Thy kind care all whom I love. Take us all into Thy holy and safe keeping, through Jesus Christ our Lord.

"*Our Father*," *&c.*

APPENDIX R.

FEES IN MUNICIPAL DAY SCHOOLS.

All the Ordinary Schools are Free.

Fees are charged in the following Higher Elementary Schools and their Junior Departments :—

ARDWICK :—

Ratepayers' Children, 6d. per week ; Non-Ratepayers' Children 9d. per week.

BIRLEY STREET :—

Boys' and Girls' Departments, 1d. per week ;
Junior Department, Standards III. and IV., 1d. per week.

CHEETHAM :—

Ratepayers' Children, 6d. per week ; Non-Ratepayers' Children, 9d. per week.

DUCIE AVENUE :—

Boys' and Girls' Departments, Ratepayers' Children, 6d. per week ; Non-Ratepayers' Children, 9d. per week.

Junior Departments, Standards I. to III., 3d. per week ; Standard IV., 6d. per week.

ST. LUKE'S (Cheetham) :—

Standards I. to IV. and Infants, 3d. per week.

ST. MATTHEW'S (Ardwick) :—

Standards IV. to VII., Ratepayers' Children, 6d. per week ; Non-Ratepayers' Children, 9d. per week.

Standards I. to III., 3d. per week ; Infants 1d. per week.

APPENDIX S.

Deansgate, Manchester,
11th July, 1906.

SCHOOL SAVINGS BANKS.

Report for half-year ending May, 1906.

To the Finance Committee.

I have much pleasure in submitting the half-yearly report on the audit of the Schools Savings Banks for the six months ended 20th May last.

Banks are now conducted in 177 departments of Municipal Schools and in 139 departments of Non-Provided Schools—total, 316.

The total number of transactions during six months has been 657,271. The sum of £22,104 8s. 11d. has been received in deposits, and the sum of £20,139 5s. 5d. has been repaid to depositors. The deposits show an increase as compared with the same period of last year of £1,297 10s. 9d. The sum of £804 19s. 6d. has been transferred in depositors' own names to the Manchester and Salford Savings Bank. The average amount due to each depositor at May 20th, 1906, was 7s. 1½d., compared with 6s. 10d. at the corresponding period of 1905.

The following figures show the transactions during the six months compared with the corresponding period last year :—

Period	No. of Banks	Transactions	Balance 20th Nov.	Deposits	Repayments	Transfers	Open Accounts	
							No.	Amount
			£ s. d.	£ s. d.	£ s. d.	£ s. d.		£ s. d.
1905 to 1906 Nov. to May	316	657,271	13,806 0 4	22,104 8 11	20,139 5 5	804 19 6	42,029	14,966 4 4
1904 to 1905 Nov. to May	315	645,491	13,172 4 11	20,806 18 2	18,468 8 3	662 13 0	43,401	14,848 1 10
Increase	1	11,780	633 15 5	1,297 10 9	1,670 17 2	142 6 6	—	118 2 6
Decrease	—	—	—	—	—	—	1,372	—

The money has been collected from the schools and paid into the Manchester and Salford Savings Bank each week.

I have the honour to be,

Your obedient servant,

C. H. WYATT,
Director of Elementary Education.

James S. Walker,
Accountant.

APPENDIX T.

PLAYING FIELDS FOR SCHOOL CHILDREN.

The Special Sub-Committee appointed to make enquiry into the possibility of finding playing fields in various parts of the City for the use of the elder children in all the Elementary Schools have to report :

1. That they have made enquiries as to the different plots of vacant land, etc., possibly available for use as playing fields, and they are prepared to submit a list of places with other particulars.

2. In the new edition of the Code of Regulations for Public Elementary Schools (1906) issued by the Board of Education on the 2nd instant, provision is made in Article 44 (f) to the effect that "In schools for older children a period occupied during the school hours in properly organised games under competent supervision and instruction" may be counted as school attendance.

The introduction to the Code states :—"The Code now provides that suitable organised games, such as cricket, football, hockey, and rounders for boys, and similar appropriate games for girls, may, under certain conditions, and under competent instruction, be played during the hours set aside for an afternoon attendance, thereby counting within the proper limit as a part of the school routine.

"The beneficial interchange of mental and physical activities now obtainable in a good infants' school will thus have its counterpart in the schools for older scholars on a system which has done much to build up the physique and mould the character of the boys and girls in our secondary schools.

"Hitherto, participation in organised games has been made possible for elementary school children only by the voluntary efforts of head and class teachers *outside of school hours*. The sacrifice of their spare time which those teachers have spontaneously made has been rewarded by an improvement in the health and *esprit de corps* of their scholars so marked as to afford every hope that a national advance in these respects will follow the inclusion of organised games in the school curriculum.

"The lessons to be learned in the playground are indeed invaluable. Children who take part in properly organised

games will learn, among other things, to 'play the game,' to 'give and take,' to devote themselves to and efface themselves for a common cause, to feel pride in the achievements of others, to accept victory with becoming modesty and defeat with due composure, and, speaking generally, to acquire the spirit of discipline of corporate life and of fair play."

A letter was addressed to the Board of Education on the 2nd instant, asking whether these games might be carried on outside the school premises, and an affirmative reply has been received.

The Sub-Committee, assuming that one afternoon per week may now be devoted to games for the older children in such schools as the Education Committee may approve—such games to be organised and supervised by the Teachers of the Schools concerned—now see their way to make provision for children's games in a manner hitherto impossible, and with the view to bringing such a scheme before the Education Committee beg to recommend :—

1. That, provided the Education Committee have power to pay rent for playing fields away from the schools, the Sub-Committee be empowered to arrange for a number of such places to be provided in different parts of the City. A report to be presented stating the number of such playing fields and the amount it is proposed to expend, to be submitted to the Education Committee for approval.

2. Further, that the Sub-Committee be authorised to wait upon the Parks Committeee in order to ascertain how far special facilities may be afforded in the parks and recreation grounds for the playing of such games.

3. That the Sub-Committee be further empowered to draw up a scheme for the working of such playing fields for the use of the elder scholars in such organised games as football, cricket, hockey, and rounders for boys, and similar appropriate games for girls, in order to carry out the intentions of the Code.

(Signed) J. D. Pennington,
Chairman of Playing Fields Sub-Committee.

6th July, 1906.

Submitted to the Elementary Education Sub-Committee, 9th July, 1906.

C. H. Wyatt,
Director of Elementary Education.

APPENDIX U.

SCALE OF TEACHERS' SALARIES.

I.—Principal Teachers.

	Class A Teachers who have had charge of schools for a less period than 5 years	Class B Teachers who have had charge of schools for 5 years but less than 10 years	Class C Teachers who have had charge of schools for 10 years but less than 15 years	Class D Teachers who have had charge of schools for 15 years and upwards
Masters	£120 fixed	£135 fixed	£156 fixed	£175 fixed
Mistresses ...	£80 ,,	£90 ,,	£100 ,,	£110 ,,

Extra Payments.

1. Head Teachers will receive—

	Head Masters.			Head Mistresses.		
	s.	d.		s.	d.	
For the first 300 scholars in average attendance	4	0	per unit.	2	0	per unit.
For the next 100.....	3	0	,,	1	6	,,
For each unit over 400	2	0	,,	1	0	,,

In no case shall the yearly average attendance paid upon be in excess of the recognised accommodation of the School.

II. £10 per annum if the School obtain the full grant, and £5 per annum if the School obtain a lower grant.

III. £2 per annum for each pupil teacher recognised by the Board of Education, or a composition of £4 per annum in lieu of this payment.*

IV. An extra payment, to be fixed in each case by the Education Committee, where there is a Higher Elementary School.

*Note.—Principal Teachers who had Pupil Teachers on the "Appointed Day," but who are now debarred by the Regulations of the Board of Education from having charge of Apprentices, shall receive a similar composition of £4 per annum.

NOTES.

(1) The fixed salary (including the payment on the average attendance) is paid monthly, the payment for pupil teachers half-yearly, in June and December, and the payment according to the classification of the School on receipt of the Government Report.

(2) The average attendance is calculated quarterly, the payment under this head being made on the average attendance for the previous quarter.

(3) The initial total salary of a head master not to be less than £160 per annum, and of a head mistress not less than £120 per annum in schools with less than 150 in annual average attendance. The initial total salary of head mistresses of schools with over 150 in annual average attendance to be not less than £130 per annum.

(4) The increases of the fixed salaries of head teachers date from the 1st January and 1st July, and for this purpose any period above three months in the first half-year in which a head teacher joins the Education Committee's service is counted as six months.

(5) In the case of teachers who have had experience in other Schools prior to appointment, the Education Committee may, at their discretion, count years of service in such Schools for the purposes of the scale to such an extent as they may consider desirable.

(6) The Education Committee reserve to themselves the right of varying the scale in any particular case.

APPENDIX U—continued.

II.—Assistant Teachers.

Class A.—Certificated assistants to be appointed in Higher Elementary Schools, or in such other Schools in which it may be thought desirable to appoint assistants of this class.

Class B.—Certificated assistants who have passed in the Certificate Examination on second year's papers, either—

(*a*) Above the third division in both parts of the examination; or

(*b*) In the first division in either part, and in the third division in the other part of the examination.

Class C.—Other certificated assistants having lower qualifications than those of Class B, if specially appointed by the Education Committee to this Class.

Class D.—Uncertificated assistant teachers (Articles 50, 51, and 52 of previous Codes) and certificated assistants not promoted to Class C.

	Class	Commencing Salary		Yearly Increase	Maximum Salary
		£		£	£
Men	A.	*		5	160
Women		*		5	120
		Trained	Untrained		
Men	B.	80†	75‡	5	150
Women		65†	55‡	5	110
Men	C.	70‡		5	110
Women		50‡		5	85
Men	D.	55		5	80
Women		45		5	65

* The commencing salaries of teachers appointed to Class A shall be £5 in excess of the amount which they would receive according to service in Class B.

† In the case of trained teachers in Class B or Class C, time spent in a training college, shall, for the purposes of the scale, be counted as service with the Education Committee, and the commencing salary shall be increased accordingly.

Trained teachers who, before the result of their Certificate Examination has been announced, have been appointed in Class B, and who are subsequently found to be not qualified for that class, shall be reduced to Class C from the first day of the month succeeding that in which the result of the Certificate Examination is made known.

‡ The initial salary of a teacher on promotion from Class D to Class B or C be £5 above the salary such teacher is receiving or would receive had he or she remained in Class D, provided that such teacher shall not receive a less salary than the minimum of the class to which the teacher is promoted, and also provided that the date of such teacher's automatic increase within the scale shall not be affected thereby. The operation of this clause to date from the 1st January, 1906, and be not retrospective.

APPENDIX U—continued.

That, as a general rule, Certificated Teachers (under Class C) be admitted into Class B on the following conditions:—

That there has been ten years satisfactory service as Certificated Teacher.

That the Committee reserve the right to deal with each case upon its merits.

EXTRA PAYMENTS.

I. The following extra payments shall be made to assistant teachers for success at University and other Examinations, viz.:—

To a teacher in Class A or B who possesses the qualifications prescribed by the scale for Class B—

(*a*) £5 per annum if he (or she) has passed one of the examinations recognised under Article 51 (*b*) of previous Codes and specified in Schedule IV. thereof; *

* *The College of Preceptors Examination for the Diploma of Associate excepted.*

(*b*) £10 per annum if he (or she) has obtained the degree of B.A. or B.Sc. (or other first degree) at a University of Great Britain or Ireland.

(*c*) £15 per annum if he (or she) has obtained a higher degree (after having previously obtained the degree of B.A. or B.Sc.) or has obtained his first degree with first-class honours.

In the case of Universities which do not grant degrees to women, the passing of the examination shall be considered as equivalent to obtaining the degree.

II. A teacher in Class C who passes one of the examinations recognised under Article 51 (*b*) of previous codes, and specified in Schedule IV. thereof, shall be entitled to promotion to Class B, but shall not be entitled to any extra payment unless he (or she) obtains the additional qualification referred to in Clause I. (*b*) or (*c*).

III. A teacher in Class D (qualified under Article 50 or 52 of previous Codes) who passes one of the examinations recognised under Article 51 (*b*) of previous codes shall be entitled to promotion to Class C, but not to the extra payments above provided.

IV. The extra payment or promotion shall date from the first revision of salaries following the date on which the success was obtained, but shall at the same time be subject to the operation of Note (2).

APPENDIX U—continued.

Notes.

(1) A teacher in Class C or D who has qualified for a higher class shall not be considered as belonging to such higher class until appointed thereto by the Education Committee, and until so appointed a teacher in Class D shall count on the staff only for the number in average attendance, for which a teacher possessing the qualifications of Class D is considered sufficient by the Code.

(2) The increases of salary date from the 1st January and 1st July, and for this purpose any period above three months, in the first half-year in which a teacher joins the Education Committee's service, is counted as six months.

(3) The increases of salary provided by the scale may be stopped in the case of any teacher whose service is not considered satisfactory by the Education Committee.

(4) Teachers entering the service of the Education Committee will be expected to serve in any School to which the Education Committee may appoint or transfer them.

(5) In the case of teachers who have had experience in other Schools prior to appointment, the Education Committee may, at their discretion, count years of service in such Schools for the purposes of the scale, to such an extent as they may consider desirable.

(6) The Education Committee reserve to themselves the right of varying the scale in any particular case.

III.—Pupil Teachers.

	First Year		Second Year	
	£	s.	£	s.
Boys.....	25	0	27	10
Girls.....	18	0	21	0

Arrears between the date on which the actual engagement as pupil teacher commences and that on which the indentures are executed will be paid.

APPENDIX V.

REPORT ON TWO COURSES FOR STAMMERING CHILDREN—MAY 14TH TO JUNE 2ND, 1906, AND JUNE 18TH TO JULY 14TH, 1906.

Course I.

Previous to the opening of these classes, 42 School departments were visited, and 165 names of boys and girls were obtained. All were suffering from stammering in various degrees.

A number of these were then examined by Professor Berquand and Dr. Ritchie, who selected 8 boys and 2 girls for treatment.

The special class was opened at 63, Shakespeare Street, on May 14th, 1906, and met twice every day for three full weeks to June 2nd, 1906.

Professor Berquand attended every day for the first week, and three times during each of the two following weeks, making in all twelve visits during the course, and giving most valuable advice.

The result was satisfactory—seven out of the ten when examined by Dr. Ritchie at the end of the three weeks showed no trace of stammering. The remaining three were all highly nervous children, one of them was ill during the course, and on one occasion fainted and had to be seen home. It is obvious that with such delicate children as these it would be impossible to count on a very satisfactory result.

The most noticeable drawback incident to this first course was the short time, viz. : 3 weeks at our disposal. This was due to the Whitsuntide holiday intervening. It will be necessary in future to secure at least five weeks—*three* for uninterrupted instruction and practice, and two more for occasional reunion. It is highly important, and even essential for ultimate cure that the practice under supervision should be kept up at intervals, so that the pupils may gain confidence in themselves.

It was noticed particularly that the more successful cases were those who had most home care. The co-operation of parents is so essential that one might even say there is little hope of a successful issue in the case of a young lad or young girl without it.

Course II.

The second course for 10 pupils was begun June 18th, 1906, and was also superintended by Professor Berquand, who visited at least ten times.

Amongst these pupils were some very grave and difficult cases. Special and individual attention was given by the Professor to two cases of faulty articulation, one of a very serious nature. Marked improvement was shown.

From the point of view of time this course has been more satisfactory than the first.

The three weeks special instruction ends Saturday, July 7th, 1906. After this the pupils will be seen once each day, instead of twice, for another week, so that there will be time to deal specially with the more difficult and severe cases.

Dr. Ritchie examined these pupils on July 6th, 1906. In all of them there was most marked improvement. His remarks are given below.

Expressions of thanks and congratulations on successful treatment have been verbally made by several of the parents.

Professor Berquand has kindly favoured me with the following comments :—

> "Professor Berquand has very much pleasure in testifying that Miss Clay is able to apply his method well, and that she carries to this new task a zeal and devotion worthy of all praise.
>
> "He congratulates her upon the success of the two courses which she has just held, and is glad to see that his work for promoting the treatment of stammerers amongst the poorer classes is in good hands in Manchester."

Dr. Ritchie says :—

> "I have to-day (July 6th, 1906), examined 10 pupils under Miss Clay's care for the cure of stammering. Previously all the pupils showed marked stammering, several showed facial and even body spasm when attempting to speak, and two had besides very pronounced speech defect of another kind. To-day all save one were free from stammering and spasm, and that one was only affected to a slight degree. Of the two pupils who showed other speech defect one has partially overcome the defect, and can now pronounce normally certain of the letters which she was previously quite unable to articulate properly, and is much improved in her articulation of the remaining letter; the remaining pupil has also improved, but will require further care. It is to be noted that the complication of speech defect makes the cure of stammering more difficult, and that the former requires a much longer treatment.
>
> "I consider the result of Miss Clay's treatment of the pupils eminently satisfactory."

(Signed) E. Mona Clay,
Inspector Division IV.

6th July, 1906.

APPENDIX V[1].

BATHING OF SCHOOL CHILDREN.

Regulations issued by the Manchester Corporation.

The Baths Committee admit scholars over the age of seven years free into the 2nd class swimming baths only any week-day, except Saturday, if in charge of a teacher or master; and provide the requisite towels and bathing drawers. Those in charge are held responsible for the orderly conduct of the scholars whilst using the baths, and must remain so as to have the scholars in their view until they leave.

The above regulations apply from April to September between 6 a.m. and 4-30 p.m., and from October to March between 9-0 a.m. and 4-30 p.m.

Scholars desirous of using the baths unaccompanied by a teacher, or at times other than those named, can do so at a charge of one penny to the 1st class or a halfpenny to the 2nd class swimming bath upon presentation at the ticket office window of a pass ticket, which ticket is supplied free to any school authority upon application at any of the baths.

The times during which pass tickets may be used are as follows:— From time of opening until 5-30 p.m. each week-day with the exception of Saturday, and on Saturday until 12 noon.

Under no circumstances are scholars allowed to use the baths free of charge unless under the direct and continued control of a teacher.

The Baths Committee particularly draw the attention of Managers of public elementary schools to the permission given by the Board of Education for scholars to leave their classes during school hours for the purpose of visiting swimming baths, as per Article 12 (F), page 3, of the Day School Code, 1898.

Free Teaching of Swimming.

The Baths Committee appoint men and women instructors, who, during the bathing season, give free lessons in swimming to all scholars using the 2nd class swimming baths under special conditions.

Special Arrangements during School Holidays.

The use of token tickets and the rule as to attendance of teachers was again temporarily suspended from July 20th to August 17th last, so as to allow of scholars making more frequent visits to the baths during the school holidays.

APPENDIX V[1].—continued.

Presentation of Free Tickets admitting to any of the Manchester Corporation Swimming Baths.

The Baths Committee present a twelve months' free ticket, admitting the holder to any of the Manchester Corporation swimming baths, to all scholars (boys and girls) who shall hereafter win any of the championships competed for under the auspices of the Manchester and Salford District School Swimming Association.

The Committee also present a similar ticket to all scholars attending a Manchester school who shall hereafter obtain proficiency certificates from the National Life Saving Society.

Particulars of Visits of School Children to the Manchester Corporation Swimming Baths.

The annual report of the Baths Committee draws attention to the number of visits of school children to the baths, and the following figures are given, showing the increase since 1897. In that year the number of such visits was 133,152. Last season the number was 617,011. The following are the figures for the past ten years :—

1897	133,152
1898	211,396
1899	272,873
1900	266,784
1901	295,446
1902	335,273
1903	378,084
1904	549,628
1905	575,180
1906	617,011

During the recent midsummer school holidays the 2nd class swimming baths were opened, as described, to school children on two days per week, and the restriction as to attendance of school teachers, etc., was removed. There were 184,303 visits to the baths free of charge during that time, as against 160,814 in 1905 ; increase, 23,489.

In this connection the Committee would draw attention to the greater use that is being made of the swimming baths by the girl scholars.

During August, 1905, out of a total of 160,814 visits, 50,800 were made by girls. During August, 1906, out of 184,303 visits, 66,968 were made by girls ; an increase of 16,168 for the month.

APPENDIX W.

Rota Committees dealing with offences against the Bye-Laws are held as follows :—

School	Meeting on	Members of the Committee
Abbott Street Municipal School, Rochdale Road	Alternate Mondays, at 7-0 p.m.	Councillor Sir T. T. Shann and Mr. F. M. S. Grant
Armitage Street Municipal School, Hyde Road	Alternate Tuesdays, at 7-0 p.m.	Councillors Elverston and Meadowcroft
Ashton Old Road Municipal School	First and third Tuesdays in the month at 7-0 p.m.	Alderman Turnbull and Councillor Lane-Scott
Burgess Street Municipal School, Harpurhey	Alternate Mondays, at 7-0 p.m.	Mr. T. Fletcher Robinson and Rev. A. W. Taylor
Every Street Municipal School, Ancoats	Alternate Tuesdays, at 7-0 p.m.	Miss M Dendy and Mr. W. Wardale
Lloyd Street Municipal School, Hulme	Second and fourth Tuesdays in the month at 7-0 p.m.	Very Rev. Canon Lynch and Miss E. Cox
Queen Street Municipal School, Bradford	Alternate Tuesdays, at 7-0 p.m.	Councillors Hibbert and Dagnall
St. Paul's, Withington	Alternate Mondays, at 7-0 p.m.	Councillor Edwards and Professor Findlay
Southall Street Municipal School, Cheetham	Alternate Mondays, at 7-0 p.m. and 8-15 p.m.	Councillor Broxap
Tuer Street Municipal School, Oxford Road	Alternate Mondays, at 7-0 p.m.	Councillors Farrar and Pennington

APPENDIX X.

SCHOOL ATTENDANCE—VISITATION OF ABSENTEES.

Education Offices,
Deansgate, Manchester,
1st May, 1906.

Dear Sir or Madam,

I am directed to say that the Education Committee have decided to substitute, for the present method of visitation from duplicate registers, a system of visitation by means of slips. Among the chief advantages over the present system are the following :—

(i.) The saving of clerical work on the part of the Teachers, as the slips will be made out once a year in place of the writing of the duplicate register every three months.

(ii.) Absences only will be recorded.

(iii.) The slips will indicate the precise date of absence.

(iv.) The parent's name, and the date of birth of each child, will be recorded on the slips.

(v.) The slips, when not in the hands of the officers for the purposes of visitation, will be retained at the schools during the year for which they are in use, and the head teachers will thus be made acquainted with the excuses for absence which have been given to the officers, and be enabled to check them by their own information obtained by other means. In this way the teachers and officers will be brought more closely into touch.

(vi.) The visits will be made by the officers on information which is practically up to date.

For the purposes of the system, the head teachers will be supplied with a number of slips, to correspond with the number of children on the school registers. These will be ruled in squares, and have the date of each week-end printed on them, a separate square being provided for each day. The slips will be made up into cases by being secured with a spring clip.

Each case will contain the number of slips corresponding with the number of children on the school register of the classes, and each slip will be numbered to correspond with the class register number. These cases will be kept by the class teachers, who, after marking the school registers, will note the absent children, say Nos. 3, 4, 8, &c. The teachers

will then refer to pages 3, 4, and 8 in the slip cases, and will find the slips for the children in question; and in the square allotted to the particular day they will make a mark from right to left on the diagonal of the square for an absence in the morning, thus, /, and in the opposite direction for an absence in the afternoon, thus \, the two marks forming a X, which will indicate that the child has been absent all day. This is to be done each time the school registers are marked, if any children are absent. If no children are absent, the duplicate slips do not require to be marked.

When slips have been taken out for visitation by the attendance officers, they cannot, of course, be marked whilst in the hands of the officers, but they should be entered up to date immediately on their return to the school, and be put back into the respective slip cases.

The following instructions will be printed on each slip case, and must be observed, viz. :—

1. Absentees only are to be marked. (See note on bottom of each slip.)
2. The slips must be entered up at every meeting of the school, immediately after the class registers have been marked (subject to No. 3).
3. The slips which have been taken out for visitation by the attendance officer must, on their return, be marked up to date before being put back into the slip case.
4. When the new slips have been made out at the beginning of a new school-year, the slips for the previous year must be returned to the Education Offices. They must not on any account be destroyed.
5. At the end of each quarter, when the school registers have been re-written, the duplicate slips may be re-arranged and re-numbered to correspond with the registers, and the slips of such children as have left the school may be removed. The slips so removed must not be destroyed, but be placed at the back of the slip cases, the numbers of those removed being recorded below.

The slips will be taken out of the cases by the attendance officers, and where the head teachers are satisfied as to the reason for absence, they should acquaint the officers when they hand them the slip cases, or make a note on the slips themselves. It would also facilitate matters considerably if the head teachers would inform the officers of any cases in which medical certificates have been sent to the school.

The absentees will be visited as speedily as possible. Success will largely depend on the promptness of the officers visiting the homes of the absentees. When the officer has completed the visitation of one school, he will pass on to the next, and take away the slips. The officer will note his reports on the back of the slips, and will also make a mark O on the face of the slips, in the square allotted to the day when the visit is made. Should a head teacher have reason to complain of any particular case of irregularity, he may forward to the office the slip relating thereto, which will show at once what has been done with the case previously. The case will then receive attention.

It will be observed that the new system will depend very largely for its success upon the co-operation of the teachers, and upon their seeing that the slips are regularly and systematically marked in accordance with the instructions. If an officer on making a visit to a school for the purpose of taking away the slips for visitation should find them not ready, it would not be possible for him to wait until they were made up, but he would be obliged to pass on to the next school. Care should be exercised to see that the slips are always kept in proper order in their respective cases, so that facility in working may be secured, and the risk of losing any of them be avoided.

Whilst our present percentages of average attendance taken on the number on the books (92·1 in Senior schools and 86·4 in Infants' schools) are satisfactory when compared with those of other districts, these percentages can, it is believed, be improved, and this is borne out by the fact that 57 Manchester schools for older scholars out of a total of 112 reach a percentage of from 92 to 98 per cent., and in 40 out of 74 Infants' schools a percentage ranging from 86 to 94 is obtained.

The Government Grant depends almost entirely on the average attendance, and an improvement of one per cent. in the average means an addition of £2,000 in the annual Government Grant payable to the Education Committee.

It is proposed that the revised system should come into operation after the 12th instant.

The attendance officers will give any further information which may be required as to the working of the system, or application may be made direct to the office.

Relying on your kind co-operation and invaluable assistance.

I am,

Yours faithfully,

CHARLES HENRY WYATT,
Director of Elementary Education.

The Head Teachers,

.....Public Elementary School,
Manchester.

APPENDIX Y.

Flower Growing for School Children.

Plants were sent to the Schools named below during the early part of July, and were examined by the Teachers in September.

SCHOOL	Department	Number of Plants sent to School	Number of Plants successfully reared
Alfred Street	B	100	20
Do.	G	200	40
Every Street	M	255	38
Lily Lane	B	130	37
Do.	G	70	10
Mauldeth Road	M	100	29
Moston Lane	B	200	53
Do.	G	200	99
St. Anne's R.C.	B	160	28
St. Barnabas'	M	76	8
St. James-the-Less	M	121	18
St. Mary's, Beswick	M	68	13
St. Peter's	M	57	3
Varna Street	B	300	64
Do.	G	200	41
Wheler Street	M	260	82
16 Departments	Totals...	2,497	583

APPENDIX Z.

Dr. Ashby's Third Annual Report on the Manchester Special Schools (1905).

To the Manchester Education Committee.

Ladies and Gentlemen,

I beg to present a Report of the working of the Special Schools under your authority for the year 1905.

The accommodation afforded by the Special Day Schools for the Mentally Defective is as follows :—

Embden Street Special School	90	children.
Hague Street	80	,,
Harpurhey Hall	48	,,
Total	218	,,

In July, 1905, the residential school for cripples (or physically defective) at Swinton House was opened for the accommodation for 30 children. When the extensions which are sanctioned have been carried out, there will be accommodation for 35 more, making 65 in all.

We have sent during the year some of our mentally defective children to the Sandlebridge Boarding Schools belonging to "The Incorporated Lancashire and Cheshire Society for the Permanent Care of the Feeble-minded," and also some of our Epileptic children to "The David Lewis Manchester Epileptic Colony" at Sandlebridge.

Special Day Schools for the Mentally Defective.

There were attending these schools at the end 1904 ..	215
Admitted during 1905	48
Total	263
Left for various reasons during 1905	42
Attending school at the end of 1905	221
Total	263

It is pleasing to be able to report that the school work has been conducted with great enthusiasm and interest by the teachers, and that a marked improvement in attainments and conduct has taken place as regards the children. There have been very few instances of parents refusing to allow their children to attend, or of withdrawing them from school. In some instances parents have voluntarily brought their children for examination and admission, as they were conscious that they were slow in learning, and were anxious to obtain for them the advantages of a special school. It is gratifying to find, as time goes on, parents, instead of looking upon attendance at these schools as a stigma, are recognising the useful place they fill in the education system.

Seven of those who left during the year were children who were transferred to the Sandlebridge Boarding Schools as being better fitted for a residential than a day school; seven epileptic children were transferred to the David Lewis Epileptic Colony, as their fits were more or less severe, and it was apparent that a residential school in the country was the best place for them; eight left the district; seven were discharged, as after having been admitted on probation they were found too feeble-minded to benefit much in a day school; and thirteen who were 14 years of age were, at the wish of parents, allowed to leave with the object of trying to obtain work.

Of those who have left on attaining the age of 14 years or over, six were boys and seven were girls. It is, I need not say, of great interest and importance to trace these, and to find out what they are doing, and how far they are following some employment in the way of earning their own living. I am much indebted to the head mistresses of the schools for the trouble they have taken in following up these cases and getting full and trustworthy information as to their doings. Of the six boys who have left, three are working and doing well, one of them earning ten shillings a week with good prospects before him, the other two working are earning five or six shillings a week. Three have failed as yet to get permanent places. These latter worked well at school, and would no doubt do useful work elsewhere if under careful supervision, but it is to be feared if left to their own initiative they will be failures, especially when the home influences are bad. They appear to do little else than idle about in the streets. Yet work can for the most part be obtained for boys of this age who are willing and will stick to their work.

Of the seven girls who left, over 14 years, four are working and doing well, two cannot be traced, and one has left the district. Of those working, one is cap making, one doing needle-work, and two are doing household work at home.

During the present year (1906) from twenty to thirty children will very probably be leaving school by the wish of their parents in order to go to work, and it is of the greatest importance for us to try and trace their career.

That a certain proportion of those who pass through the Special Schools will get work on leaving, and eventually get their own living, is, I think, very probable. In a larger proportion of cases there is much doubt if eventually they will. They may get work at first while they are boys to fetch and carry and attend on mechanics, but the great difficulty will come when they are older, and ought to be taking their places as skilled workmen. They work well at school when kept well in hand by the teachers, are willing and contented ; but when they leave school, and have more or less to look after themselves, they are apt to degenerate into idlers and loafers, and find they cannot obtain places where intelligence and initiative are called for. No doubt they are better fitted for Colony life, where they would work as they have worked at school, and materially contribute to their own support. This is still more necessary for the girls than the boys.

It would give many of our scholars a better chance in life if it were possible to specialise more than is done at present at the age of 13 or 14 years of age. Already a good deal is done in the way of teaching basket making, caning chairs, making simple toys, mat making, and cooking, but what is wanted is a " Trades School," where the simpler handicraft trades are taught by practical traders. In this way a start might be made towards earning a living. Clog making, joinery, perhaps shoe making, and household work for girls. Many of those who are little use at book learning yet can be taught enough to keep simple accounts, and are capable of becoming skilled workers.

Those who are leaving us now have only been at school at the most two or three years, and we shall hope for better things from those who come to the special schools when seven years of age.

I am more than ever impressed with the futility of admitting to the schools the lower class of defectives or borderland imbeciles. It is true they benefit to some extent by the training and good example, and it is better for them to be at school than idling at home. But from school books they learn hardly anything, as their powers of mental retention are too feeble, and no permanent results are achieved. For them the day school is practically useless, results follow in no sort of proportion to the effort. They are in want of care, not only during childhood, but for

life. One day the question must be faced, what is society to do with the imbeciles and their kind ? At present they are very much on our hands, with a certainty of drifting into the workhouse.

The evidence we can obtain as to the causation of feeble-mindedness is clear that in the majority of cases it tends to run in families. We cannot pretend always to be able to unravel the tangled threads of heredity and say dogmatically through which ancestor or ancestors the strain has been transmitted, but it is constantly made clear to us that the child is only an exaggeration of one or more of its forbears, while bearing a strong family resemblance in various characteristics. That feeble-mindedness is at times acquired and not inborn, as the result of disease or injury to the growing brain, is certain, but we can gather no reliable evidence that bad feeding or bad hygiene plays any part in its causation. Bad hygiene is no doubt a factor in producing rickets, and such children are apt to be stunted in growth and slow of intellect, but they are not feebleminded in the ordinary sense of the term. Neither can we obtain any evidence to be relied on that alcholism in parents, or tuberculosis, or nervous shocks during pregnancy *per se* produce imbeciles or mentally defective children.

Resident School for Cripples.

Since the opening of Swinton House last summer, thirty-four children have been admitted, and five have left for various reasons. All the children admitted were suffering from some chronic disease, paralysis or deformity, which prevented them from attending a day school, and yet did not interfere with their ability for receiving profit by teaching. For the most part they were quite of average mental powers, but were very backward on account of their having had but little, in some instances no schooling. Of the thirty-four children, fourteen had spinal deformity due to long standing disease, ten deformity from disease of the hip, five had severe deformities due to rickets, three were affected with paralysis, and two had old disease of the knee.

Six were transferred temporarily to the Children's Hospital (with consent of parents) for operation, with the object of setting straight bent limbs or removal of diseased bone, returning when they had sufficiently recovered to be able to resume their school work.

Many of the children are for the most part confined to bed on account of their helplessness, others are able to get up, and be about for part of the day with the help of crutches. With small exception, they have improved notably in health, and are progressing favourably in school work.

Two important matters are going on side by side, *i.e.*, school work and a gradual cure or amelioration of their chronic ailments. It must be borne in mind that two years at least, often much longer, are required for the deformed spines or diseased hips to consolidate, and for the disease to be completely arrested, and during this period the child cannot undertake active exertion without indefinitely deferring healing.

I have often been struck by the fact how completely the education of these cripples is neglected at a time of life when education is of the greatest benefit, and how great is their loss in future years. I can call to mind children with chronic spinal or hip disease who were in or out patients at the Children's Hospital in the past, and who, after many years, were practically cured, yet drifted into the workhouse, as they were completely uneducated, and could obtain no employment whereby to gain a living.

But for the residential school, our present inmates would be receiving no education at all. There is a good prospect that the majority will be much improved in health and limb, and have at least the elements of education when the times comes for their leaving school.

The school has been managed with efficiency, and I believe with economy.

Epileptics at the David Lewis Colony for Epileptics at Sandlebridge.

Our first children were sent in February, 1905, seventy-one epileptic children were examined for admission, of these forty-five were admitted, thirty-eight were in residence at the end of the year 1905, six were discharged or removed by friends, and one died. In some instances the applicants for admission were refused on account of the children being too imbecile or troublesome.

I do not doubt that a residential Colony school is the best place for these unfortunate children. Many of them get no education at all when at home, being excused school on account of fits, under the mistaken idea that school work predisposes to epileptic seizures. Speaking generally, school work and school training is of the greatest advantage to children suffering from epilepsy in medium and minor degrees. The worse thing for them is idling and loafing about. The ordinary school is, however, not the place for them, on account of the disturbance caused by their fits. A residential school in the country, with outdoor work and games as well as ordinary school work, affords the best chance of amelioration or cure, and secures the prospect of their wage-earning in the future.

The Sandlebridge Residential School for Mentally Defectives.

(*The Incorporated Lancashire and Cheshire Society for the Permanent care of the Feeble-minded.*)

Seven children were sent to these schools during 1905, and thirty belonging to this City were resident there at the end of 1905.

It is a great advantage to be able to send our mentally defective children to a residential school in the country, especially when the home conditions are bad, or the children are orphans. They have, in addition to an education suited to their mental powers, a training in useful work and country pursuits. They take great interest in gardening, the care of poultry and stock; and the girls have a good opportunity of learning household and laundry work.

When, as it is intended, they pass on to Colony life, they are already fairly well trained in pursuits whereby they will be able, under supervision, to materially contribute to their support.

They are certainly contented and happy, and, with small exception, improved in health and physique.

In conclusion, I must add how indebted I am to Miss Dickens and the teachers for the information they have given me for this report, and to Miss Dendy, who is never tiring in her exertions for every good work in connection with the feeble-minded.

I am very anxious that the work we have undertaken with regard to the mentally defective, epileptics, and cripples should be extended as opportunity occurs, believing that in the case of these unfortunates, as in more fortunately circumstanced children, any education which is real and earnest is worth its price.

Very faithfully yours,

Henry Ashby.

Submitted to the Administrative Sub-Committee, 15th March, 1906.

C. H. Wyatt,
Director of Elementary Education.

APPENDIX A[1].—Higher Education Revenue Account.

Receipts and Payments for the Year ending March 31st, 1906.

Receipts.	£	s.	d.	£	s.	d.
To Contribution from City Rates...				84457	9	1
To Exchequer Contributions				14969	6	7
To Municipal School of Technology (including Branch Classes at Newton Heath and Openshaw)—						
Grants from the Board of Education in Aid of Instruction	7490	14	6			
Capitation Grant from the Lancashire County Council	1080	0	0			
Capitation Grant from the Cheshire County Council	311	6	3			
School Fees	8954	12	0			
Sale of Books and other School Requisites	1567	7	2			
Chief Rents *re* Henry Day Testimonial Fund	3	19	10			
Hire of Rooms and Rents	80	4	4			
Examinations and Prizes	308	10	9			
Sales in Refreshment Room (portion of year)	306	6	7			
Breakage Deposits and Locker Rents	379	5	7			
Testing Charges	123	3	6			
Sales of Materials and Appliances	205	0	4			
Sundries	4	12	9			
				20815	3	7
To Municipal School of Art—						
Grants from the Board of Education in Aid of Instruction	1509	0	0			
Grant from the Board of Education in Aid of Examples	113	4	0			
Capitation Grant from the Lancashire County Council	131	10	0			
Capitation Grant from the Cheshire County Council	24	17	3			
School Fees £1062 13 9						
Tuition Fees from other Schools 62 10 0						
	1125	3	9			
Sale of Books and other School Requisites	169	17	10			
Examinations and Prizes	70	14	0			
Sale of Catalogues *re* Burne-Jones Exhibition	23	8	0			
				3167	14	10
To Municipal Secondary Schools—						
Grants from the Board of Education in Aid of Instruction	3790	6	8			
School Fees	3110	9	11			
Sale of Books and other School Requisites	734	10	9			
Rent of Lockers	42	7	6			
Hire of Rooms	11	16	4			
Sales in Refreshment Room (portion of year)	314	13	11			
Sale of Food at Cookery Classes	24	3	0			
				8028	8	1
Carried forward...				£131438	2	2

Payments.	£	s.	d.	£	s.	d.
By Administration—						
Salaries and Wages of Officials	6151	3	0			
Contribution to Thrift Fund	67	8	3			
Printing, Postage, Advertising, and Office Charges	2036	6	3			
Legal Expenses	209	2	5			
Stamp Duty on Audit of Accounts	52	13	0			
Uniform Clothing for Attendants..	15	11	6			
				8532	4	5
By Maintenance of the Municipal School of Technology (including Branch Classes at Newton Heath and Openshaw)—						
Salaries of Teachers and Wages of Workshop and Laboratory Assistants	20984	14	10			
Contribution to Thrift Fund	182	18	5			
Books and Stationery	1662	7	5			
Examples, Apparatus, and Appliances...	2097	14	10			
Cleaning Materials, Cleaning, and Polishing (including Wages)..	2312	13	10			
Additions, Alterations, and Repairs to Machinery, Furniture, Fittings, and Buildings (including Salaries and Wages)	2548	14	11			
Lighting, Heating, Ventilating, and Power (including Salaries and Wages)	4487	8	4			
Rents, Rates, and Taxes	4903	15	1			
Insurance	191	14	8			
Examinations and Prizes	930	17	1			
Provisions and other Charges *re* Refreshment Room (portion of year)	441	5	10			
Breakage Deposits refunded	263	9	2			
Police and Firemen's Services	18	5	3			
Payments for Tests	36	2	10			
Expenses in connection with Photo Process Exhibition (including Wages)	138	15	3			
				41200	17	9
By Maintenance of the Municipal School of Art—						
Salaries of Teachers and Wages of Models	2491	11	4			
Contribution to Thrift Fund	23	0	10			
Books and Stationery	175	4	9			
Examples, Apparatus, and Appliances...	147	6	5			
Cleaning Materials and Cleaning (including Wages)	155	4	10			
Additions, Alterations, and Repairs to Fittings and Buildings (including Wages)	295	1	2			
Furniture (including Repairs)	203	16	10			
Lighting, Heating, and Ventilating (including Wages)	516	18	9			
Rents, Rates, and Taxes	229	18	8			
Insurance	27	3	5			
Examinations and Prizes	129	11	11			
Expenses in connection with Exhibition of Burne-Jones Drawings (including Wages)	118	15	10			
				4513	14	9
By Maintenance of Municipal Secondary Schools—						
Salaries of Lecturers, Teachers, and Assistants	8943	3	6			
Contribution to Thrift Fund	112	0	4			
Books and Stationery	885	9	9			
Examples, Apparatus, and Appliances...	232	9	5			
Cleaning (including Wages)	836	13	5			
Additions, Alterations, and Repairs to Fittings and Buildings (including Wages)	217	3	10			
Furniture (including Repairs)	193	16	2			
Lighting and Heating	629	7	0			
Rents, Rates, and Taxes	245	12	5			
Insurance	14	15	7			
Provisions, and other Charges re Refreshment Room (portion of year)	448	3	4			
Provisions for Cookery Classes	23	14	10			
Examinations and Prizes	63	8	1			
				12845	17	8
Carried forward...				£67092	14	7

APPENDIX A—continued.

HIGHER EDUCATION REVENUE ACCOUNT—continued.

Receipts and Payments for the Year ending March 31st, 1906—continued.

RECEIPTS.	£	s.	d.	£	s.	d.
Brought forward				131438	2	2
To Municipal Pupil Teachers' College—						
Grants from the Board of Education in Aid of Instruction	2797	13	4			
School Fees	64	10	0			
Sale of Books and other School requisites	79	10	3			
				2941	13	7
To Municipal Evening Continuation, Commercial, Science and Art Schools, and Special Classes—						
Grants from the Board of Education in Aid of Instruction	10099	12	4			
School Fees	3755	18	10			
Sale of Books and other School requisites	394	4	7			
Advertisements in Directory	77	15	0			
Sale of Food in Cookery Classes	124	16	11			
Examinations and Prizes	85	13	9			
Grants from Lancashire County Council—						
In aid of Evening Schools in Withington District	130	5	0			
In aid of Evening Schools in Moss Side District	74	0	0			
In aid of Municipal Evening School of Commerce	239	0	0			
			443	5	0	
				14981	6	5
To Municipal Residential Training College:—						
Rents			42	3	6	
Sundries			7	18	5	
				50	1	11
To Municipal School of Domestic Economy and Cookery (from December 18th, 1905):—						
School Fees			259	17	6	
Tuition Fees from other Schools			24	15	0	
Sales of Provisions and Cookery Materials			168	3	10	
Sales of Books and other School Requisites			3	12	2	
Rent of Rooms			12	10	0	
Examinations			6	19	0	
Sundries			8	3	7	
				484	1	1
Carried forward				149895	5	2

PAYMENTS.	£	s.	d.	£	s.	d.
Brought forward				67092	14	7
By Maintenance of Municipal Pupil Teachers' College—						
Salaries of Lecturers, Teachers, and Assistants	2897	0	1			
Contribution to Thrift Fund	32	17	3			
Books and Stationery	157	13	2			
Examples, Apparatus, and Appliances	340	0	6			
Cleaning (including Wages)	301	12	4			
Additions, Alterations, and Repairs to Fittings and Buildings (including Wages)	34	7	2			
Furniture (including Repairs)	45	3	0			
Lighting and Heating	176	3	0			
Rents, Rates, and Taxes	86	14	1			
Insurance	6	19	5			
Examinations and Prizes	25	4	10			
School Fees for Pupil Teachers transferred from Withington	40	16	0			
				4144	10	10
By Maintenance of Municipal Evening Continuation, Commercial, Science and Art Schools, and Special Classes—						
Salaries of Lecturers, Teachers, and Assistants	22451	10	5			
Contribution to Thrift Fund	9	0	7			
Books and Stationery	1465	17	5			
Examples, Apparatus, and Appliances	495	5	8			
Cleaning (including Wages)	509	13	11			
Furniture (including Repairs)	57	16	0			
Lighting and Heating (including Wages)	502	8	1			
Rents	25	0	6			
Insurance	0	3	2			
Provisions for Cookery Classes	125	14	6			
Examinations and Prizes	1480	5	1			
				27122	15	4
By Municipal Residential Training College—						
Weekly Wages of Caretaker	65	0	0			
Cleaning (including Wages)	84	1	7			
Alterations and Repairs to Buildings	11	3	8			
Furniture	41	5	3			
Lighting and Heating	12	8	11			
Rents, Rates, and Taxes	309	13	11			
				523	13	4
By Maintenance of the Municipal School of Domestic Economy and Cookery (from December 18th, 1905)—						
Salaries of Lecturers, Teachers, and Assistants	180	12	1			
Contribution to Thrift Fund	1	16	1			
Books and Stationery	14	14	10			
Provisions for use in Classes	205	19	4			
Examples and Appliances	13	11	6			
Cleaning (including Wages)	28	16	3			
Additions, Alterations, and Repairs to Fittings and Buildings (including Wages)	1	6	6			
Furniture (including Repairs)	2	8	6			
Lighting and Heating	21	6	2			
Rents, Rates, and Taxes	125	9	1			
Examinations	20	3	0			
Expenses in connection with Transfer of School to Education Committee	10	12	0			
				626	15	4
Carried forward				99510	9	5

APPENDIX A[1]—continued.

Higher Education Revenue Account—continued.

Receipts and Payments for the Year ending March 31st, 1906—continued.

Receipts.	£ s. d.	£ s. d.
Brought forward		149895 5 2
To Scholarships—		
Contribution in aid of Scholarships transferred from Science and Art Scholarship Fund Account		5 0 0
To Miscellaneous Receipts—		
Rents of York Street Property		328 2 8
To Interest and Charges on Loans—		
Dividend on £10,194 14s. 10d. Manchester Corporation 3 per cent. Redeemable Consolidated Stock (less Income Tax)	290 11 4	
Bank Interest	76 9 5	
Charges for Repayment of Loans	25 0 0	
		392 0 9
		£150620 8 7

Payments.	£ s. d.	£ s. d.
Brought forward		99510 9 5
By Grants for Scholarships and Bursaries		12170 4 8
Expenses in connection with Scholarships and Bursaries Examinations (including Salary)	816 17 11	
Contribution to Thrift Fund	4 7 4	
		821 5 3
By Grants to Educational Institutions		6220 0 0
By Miscellaneous Payments—		
Annual Compensation under Education Act, 1902—J. Farish	166 16 1	
Alterations to Princess Street School (including Wages)	4959 2 7	
Expenses on Account of the Erection of the School of Technology (including Payments in connection with the Arbitration)	902 13 8	
Expenses in respect of Closing of Street in connection with the Purchase of the St. Augustine's Church and Schools	940 2 6	
Rates, Repairs, and other Expenses in connection with York Street Property	637 10 4	
		7606 5 2
By Interest and Charges on Loans—		
Stamp Duty and other Charges on New Loans and Renewals	401 2 6	
Interest on Loans (net)	9084 17 2	
Bank Interest on Capital Account	2928 3 10	
		12414 3 6
By Liquidation of Debt—		
Transfer to Sinking Fund Account	5542 8 0	
Instalments of Loans Repaid	2560 3 8	
		8102 11 8
By Balances, 1st April, 1905:—		
Owing to Williams Deacon's Bank	1412 19 3	
Less in Accountant's hands for Wages	199 17 5	
Ditto Petty Cash	23 6 7	
Ditto Travelling Expenses	8 11 5	
	231 15 5	
		1181 3 10
By Balances, 31st March, 1906:—		
In Williams Deacon's Bank	2054 13 4	
Ditto Accountant's hands for Wages	535 18 8	
Ditto Ditto Travelling Expenses	9 0 5	
	544 19 1	
Less owing to Accountant for Petty Cash	5 7 4	
	539 11 9	
		2594 5 1
		£150620 8 7

APPENDIX A[1].

Higher Education Capital Account.

Year ending March 31st, 1906.

Receipts.

	£	s.	d.
To Loans received	157587	12	0
To Balance, March 31st, 1906— Owing to Williams Deacon's Bank	10194	14	10
	£167782	6	10

Liabilities.

To Loans on Mortgage (including £40563 14s. 7d. owing to Public Works Loan Commissioners)	342847	16	9
To Bank Balance owing	10194	14	10
To Surplus and Sinking Fund	206020	3	3
	£559062	14	10

Payments.

	£	s.	d.	£	s.	d.
By Purchase of St. Augustine's Church and Schools— Balance of Purchase Money				28600	0	0
By Loans Repaid (Amount Re-borrowed)				30787	12	0
				59387	12	0
By Balances, 1st April, 1905— Owing to Manchester and Liverpool District Bank	70004	1	1			
Owing to Williams Deacon's Bank	38390	13	9			
				108394	14	10
				£167782	6	10

Assets.

By School of Technology and Dyehouse, Sackville Street and Whitworth Street— Land, Buildings, and Equipment	371220	0	0
By St. Augustine's Church and Schools	39000	0	0
By Pupil Teachers' College, Princess Street— Land and Building	22948	0	0
By Technical School, Newton Heath— Building and Equipment	1489	0	0
By Technical School, Openshaw— Building and Equipment	1447	0	0
By School of Art, Cavendish Street— Land, Building, and Equipment	36100	0	0
By Secondary School, Stretford Road	3097	0	0
By Central Municipal Secondary School	73567	0	0
By Investment *re* School of Art Extension	10194	14	10
	£559062	14	10

APPENDIX A[1].

Elementary Education Revenue Account.

Receipts and Payments for the Year ending 31*st March*, 1906.

Receipts.

	£ s. d.	£ s. d.
To Contribution from City Rates—		
Amount included in City Rate Estimates for year, and transferred from City Fund Account		215695 13 1
To Exchequer Grant—		
Under the Agricultural Rates Act, 1896		19 14 6
To Administration—		
Preparation of Plans and Supervision of Erection of Schools (Transfer from Capital Account)	1624 3 2	
Rent of Property adjoining Offices	102 13 4	
Police Court Costs repaid	92 18 6	
Sundries	5 11 0	
		1825 6 0
To Public Elementary Schools—		
Annual Grant from Board of Education	102818 9 10	
Fee Grant ditto	48290 17 4	
Aid Grant ditto	43570 7 0	
School Fees	5075 0 2	
Endowments	39 18 0	
Sale to Children of Books and Stationery	674 6 2	
Sale of Needlework Material	272 13 11	
Sale of Food at Cookery Classes	216 6 0	
Fuel and Light	1139 7 2	
Rents	1514 13 4	
Apportionment of Rates, Taxes, and Insurance	104 5 4	
Sundries	30 14 0	
		203746 18 3
Carried forward		£421287 11 10

Payments.

	£ s. d.	£ s. d.
By Administration—		
Salaries of Officers	13336 15 5	
Weekly Wages of Clerks, Attendance Officers, Hall Porter, and Cleaners ...	6504 2 9	
Contribution to Thrift Fund	226 3 3	
Printing, Postage, Advertising, and Office Charges	4006 14 3	
Legal Expenses	665 19 9	
Stamp Duty on Audit of Accounts	142 7 0	
Uniform Clothing	384 4 2	
		25266 6 7
By Public Elementary Schools—		
Salaries of Teachers	259650 9 3	
Contribution to Thrift Fund	1849 18 9	
Books, Apparatus, and Stationery	12606 2 4	
Prizes	2410 19 6	
Furniture (including Repairs)	4428 2 3	
Fuel and Light	9200 7 5	
Cleaning (including Wages)	14983 14 1	
Repairs to Buildings	6672 0 1	
Rents	4899 10 3	
Rates, Taxes, and Boiler Insurance	4345 17 6	
Fire Insurance Premiums	325 4 4	
Repayment of proportion of School Fees to Managers of Schools	694 12 0	
Sundries	10 18 0	
		322077 15 9
Carried forward		£347344 2 4

APPENDIX A[1]—continued.

Elementary Education Revenue Account.

Receipts and Payments for the Year ending 31st March, 1906.

Receipts.	£ s. d.	£ s. d.
Brought forward		421287 11 10
To Special Schools for Defective and Epileptic Children—		
Government Grant		742 9 0
Contributions from Parents towards Maintenance of Children (Swinton School for Cripple Children)		27 18 0
Sundries		4 9 1
To Mill Street Certified Day Industrial School—		
Government Grant	551 16 10	
Contributions from Parents towards Maintenance of Children	224 9 2	
Industrial Work	89 9 9	
Sundries	12 6 9	
		878 2 6
Carried forward		£422940 10 5

Payments.	£ s. d	£ s. d.
Brought forward		347344 2 4
By Special Schools for Defective and Epileptic Children—		
Salaries of Officers other than Teachers.	93 4 4	
Salaries of Teachers	2090 15 8	
Wages of Servants	111 16 6	
Salary of Medical Officer (Dr. Ashby)	250 0 0	
Contribution to Thrift Fund	23 19 7	
Books, Apparatus, and Stationery	163 13 7	
Furniture (including Repairs)	624 18 5	
Fuel, Light, and Water	136 19 0	
Cleaning	214 17 5	
Repairs to Buildings	67 19 7	
Rents	148 4 0	
Rates and Taxes	54 1 4	
Fire Insurance	3 1 10	
Board of Teachers, Officers, Scholars, and Servants	136 11 0	
Clothing	46 15 0	
Materials for use in Industrial Department	23 1 9	
Conveyance of Children to and from Schools	104 0 0	
Sundries	73 10 8	
		4367 9 8
By Mill Street Certified Day Industrial School—		
Salaries of Officers other than Teachers.	151 10 0	
Weekly Wages	104 1 6	
Salaries of Teachers	777 17 1	
Wages of Servants	58 10 10	
Contribution to Thrift Fund	10 19 2	
Books, Apparatus, and Stationery	41 14 0	
Furniture (including Repairs)	53 19 2	
Cleaning	36 13 0	
Repairs to Buildings	132 13 2	
Fuel, Light, and Water	240 3 9	
Rent	44 12 8	
Rates, Taxes, and Boiler Insurance	16 0 0	
Fire Insurance	2 17 5	
Board of Teachers, Officers, Scholars, and Servants	646 2 4	
Materials for use in Industrial Department	35 11 6	
Medical Services (including Salary of Dr. Bell, £10 10s.)	20 10 0	
Sundries	73 11 2	
		2447 6 9
Carried forward		£354158 18 9

APPENDIX A[1]—continued.

Elementary Education Revenue Account.

Receipts and Payments for the Year ending 31st March, 1906.

Receipts.	£ s. d.	£ s. d.
Brought forward		422940 10 5
To Contributions from Parents towards Maintenance of Blind and Deaf Children		250 7 9
To Contributions from Parents towards Maintenance of Defective and Epileptic Children		341 15 3
To Old Building Material Sold		355 5 11
To Deposits on Quantities		176 8 0
To Bank Interest		1242 4 9
		425306 12 1
To Balances, 1st April, 1905—		
In Manchester and Liverpool District Bank	23927 11 9	
In Accountant's hands for Wages	471 15 10	
In hands of other Officers	0 11 3	
	24399 18 10	
Less—Owing to Accountant for Petty Cash	58 7 6	
Owing to other Officers for Travelling Expenses	3 7 10	
	61 15 4	
		24338 3 6
		£449644 15 7

Payments.	£ s. d.	£ s. d.
Brought forward		354158 18 9
By Contributions to Residential Industrial Schools		3935 14 4
Do. Institutions for Blind and Deaf Children		2025 19 10
Do. do. Defective and Epileptic Children		1368 10 6
By Additions and Alterations to School Buildings		1840 15 4
By Deposits on Quantities repaid		221 11 0
By Annual Compensation under Education Act 1902		33 16 1
By Bank Interest and Commission		132 10 1
By Interest and other Charges on Loans—		
Stamp Duty and other Charges on Loans	89 10 3	
Interest on Loans—Paid to Public Works Loan Commissioners	18668 8 11	
Interest on Loans—Paid to Ecclesiastical Commissioners and Insurance Companies	1110 9 5	
Interest on other Loans	3054 6 2	
		22922 14 9
By Liquidation of Debt—		
Instalment of Loans repaid to Public Works Loan Commissioners	22456 11 5	
Do. Ecclesiastical Commissioners and Insurance Companies	2050 6 10	
	24506 18 3	
By Transfers to Sinking Fund Account—		
Working Balance Loan Account	11078 18 1	
Erection of Schools Account	816 5 5	
		36402 1 9
		423042 12 5
By Balances, 31st March, 1906—		
In Manchester and Liverpool District Bank	25737 3 6	
In Accountant's hands for Wages	838 4 4	
Do. Petty Cash	31 18 4	
Do. Travelling Expenses	9 13 3	
In hands of other Officers for Travelling Expenses	0 1 5	
	26617 0 10	
Less—Owing to other Officers for Travelling Expenses	14 17 8	
		26602 3 2
		£449644 15 7

APPENDIX A[1]—continued.

ELEMENTARY EDUCATION CAPITAL ACCOUNT.

Receipts and Payments for the Year ending 31st March, 1906.

RECEIPTS.

	£	s.	d.
To Transfer from Revenue Account of amount expended in excess of Loans received	299	8	2
To Loans received	61742	0	0
	62041	8	2
To Balance, 1st April, 1905— In Manchester and Liverpool District Bank	17710	19	6
	£79752	7	8

LIABILITIES.

To Loans on Mortgage	669486	10	11
Surplus and Sinking Fund	37874	9	2
	£707361	0	1

PAYMENTS.

	£	s.	d.	£	s.	d.
By Erection of Schools—						
Cost of Sites	38053	14	6			
Do. Buildings	30195	12	4			
Do. Furniture and Fittings	1359	15	9			
Do. Architect's Commission and Superintendence	2743	8	11			
Legal and other Expenses	469	11	10			
				72822	3	4
By Offices—						
Cost of Buildings				4	9	8
				72826	13	0
By Balances of Loans unexpended—						
Repaid to Public Works Loan Commissioners				236	0	0
				73062	13	0
By Balance, 31st March, 1906—						
In Manchester and Liverpool District Bank				6689	14	8
				£79752	7	8

ASSETS.

By Land and School Buildings	656062	0	0
Offices of the Education Committee in Deansgate	43903	0	0
Bank Balance—			
In Manchester and Liverpool District Bank (Including £706 5s. 5d. Sinking Fund)	7396	0	1
	£707361	0	1